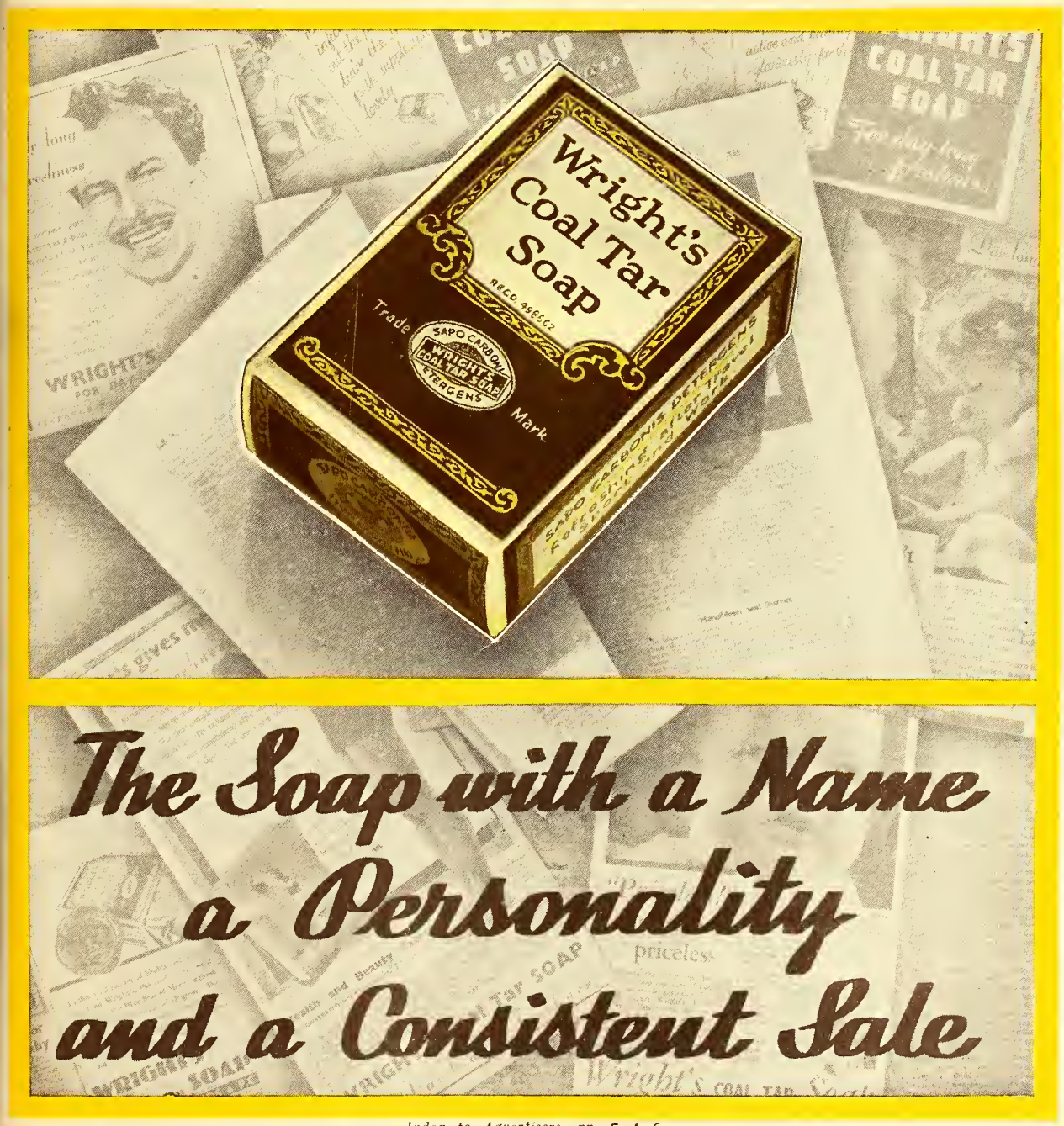
The
CHEMIST AND DRUGGIST

Established 1859 28 Essex Street, Strand, London, W.C.2 *Registered as a Newspaper*

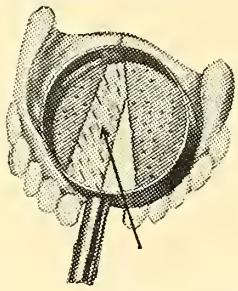
No. 2992
VOL. CXXVI

JUNE 12, 1937

Annual Subscription (with Diary) 20/-. Single Copies 9d.



Index to Advertisers, pp. 5 & 6.



Cross section of dental plate showing where germs breed. Dento kills these germs.

New Denture Cleanser

KILLS BACTERIA — CAUSE OF PAIN AND DISCOMFORT TO FIVE MILLION* DENTURE WEARERS

★ Conservative estimate

MOST dental plates are porous. In them, pathogenic bacteria (Streptococcus Magnus, Streptococcus Continuosus, etc.) find perfect conditions for rapid development. These bacteria liberate an acid secretion which acts as an irritant. This, dental authorities have now established, is often the cause of inflammation and soreness of gums and tissues.

Ordinary cleaning doesn't get at these deep-seated germs. That's why millions of people who clean their artificial teeth regularly still suffer. Dento reaches these germs and kills them. Searching laboratory tests have proved not a single organism remains alive after treatment with Dento. It sterilises plates not only on the surface, but *right through.*

The wide demand for such a product needs no elaboration. Probably half the people who come into your shop have dentures. Nearly all suffer in some degree from trouble and discomfort. Every one will thank you for calling their attention to Dento.

POWERFUL NATIONAL ADVERTISING

To familiarise denture wearers with these new facts about Denture troubles, a powerful advertising campaign will be run in leading national newspapers.

A ready-made market — an economic price — powerful advertising—plus the attractive terms for parcels detailed on the right, will make Dento one of the most profitable lines you handle. Don't miss this opportunity — send in your order today — F. C. Calvert & Co. Ltd., Gibbon St., Manchester 11

NOTE THESE ATTRACTIVE PRICES & TERMS

Retail Price

6D. and 1/-

Trade Price

6d. size — 4/6 per doz.
1/- size — 8/6 per doz.

EXTRA DISCOUNT

for parcels which can include Dento, Calvert's Tooth Powder, Calvert's soaps, etc.

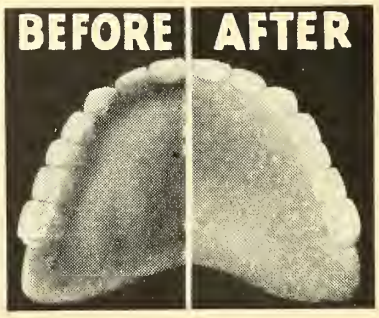
£4 PARCEL
less 10% and 2½%

27/- PARCEL
less 5% and 2½%

MAKES FALSE TEETH LIKE NEW

Stains from food juices, tobacco, mucin — even those that seem permanent — are quickly removed. Teeth come white — plates fresh and pink again. There's no brushing with Dento. It's taste is pleasantly refreshing.

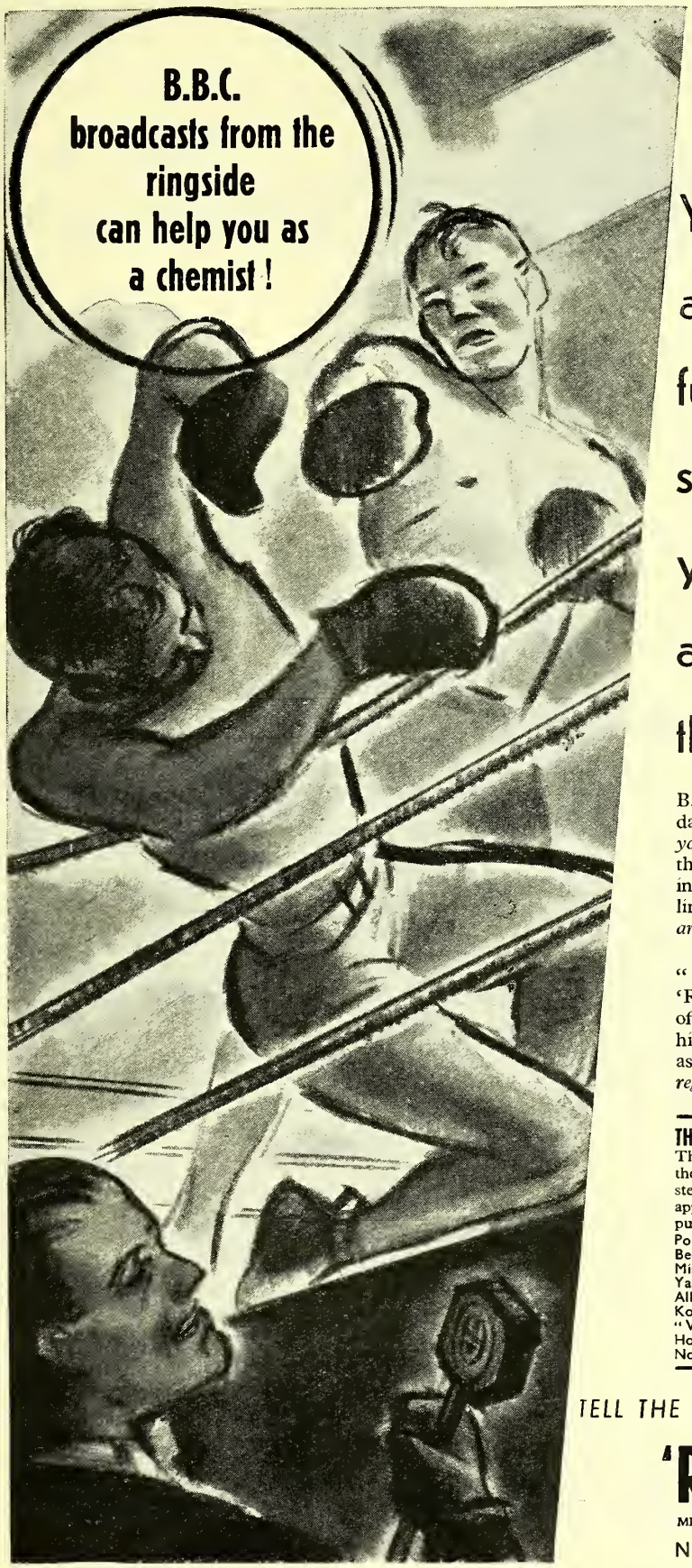
HARMLESS TO TEETH, PLATES OR FIXING PINS



Dento

PHENOLENE

A CALVERT PRODUCT



You, as a retailer, are not getting full advertising support unless your lines are advertised in the 'RADIO TIMES'

B.B.C. programmes . . . comedians . . . dance bands . . . these can be selling for *you.* 2,800,000 families turn the pages of the 'Radio Times' during the week, looking up these items. And they see certain lines advertised. *But are they the lines you are stocking?*

Next time the traveller calls, ask him "Is your line advertised regularly in the 'Radio Times'?" If it isn't, then he's not offering the most powerful co-operation his firm can give you. Make a point of asking the traveller "*Is your line advertised regularly in the 'Radio Times'?*"

THE 'RADIO TIMES' LIST FOR YOUR TRADE

The following products are regularly advertised in the 'Radio Times' and are therefore assured of a steady demand. The second half of this list will appear in the next 'Radio Times' advertisement published in this journal.

Poudre Tokalon	Phensic
Beechams Powders, Etc.	Feen-a-mint
Mistol Rub & Drops	Drene Shampoo
Yardley Powder	Pond's Cold Cream
Allenburys Diet	Vinolia Soap
Kolynos Dental Cream,	Veno's Cough Cure
"Vaseline" Hair Tonic	Silvikrin
Horlick's	Yardley Lavender Water
Nostroline	Harlene

TELL THE TRAVELLERS YOU WANT THE

'RADIO TIMES'

MEMBERS OF THE AUDIT BUREAU OF CIRCULATIONS

NET SALES 2,800,000 WEEKLY

A A

A NEW TEMPLE PRESS JOURNAL

Plastics

NO. 1

NOW ON SALE

MONTHLY

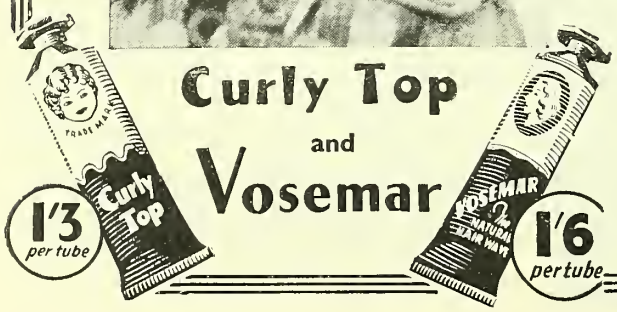
1/-

Published by
TEMPLE PRESS LIMITED
5-17 Rosebery Avenue, E.C.1
(Also publishers of "The Motor," "The Light Car," "The Commercial Motor," "Motor Cycling," "Cycling," "The Motor Boat," "The Motor Ship," "The Oil Engine" and "The Aeroplane")

Making a direct appeal to manufacturers, retailers and all interested in this new and virile industry.

Promoting and encouraging new uses for plastic materials.

Giving much needed publicity to the latest developments of the industry and acting as a vital link between manufacturers and consumers.



CHEMISTS have christened her "TILL-Y"

Especially since the introduction of our new packs and new outers, chemists have christened the young lady of our press advertisements "Till-y," which is in the nature of an apt allusion to the effect on the cash drawer of brighter packaging.

Curly Top in its new garb is irresistible. Mothers see and buy. They want the preparation that gives their children NATURAL CURLS. Vosemar too, the safe, harmless preparation for creating natural waves in adult hair, is decked out in new habiliments. Its very presence on your counter is persuasive.

NATIONALLY ADVERTISED

Good discounts. If any difficulty in obtaining supplies from your wholesaler, drop us a line.

The VOSEMAR Co.
11, Parson's Lane, BURY, Lancs.

BULK SUPPLIES OF

HALIBUT LIVER OIL

VITAMIN A
32,000 International Units per gramme
VITAMIN D
2,000 International Units per gramme
at £6.15.0 per gallon nett, in 5-gallon drums

HALIBUT LIVER OIL
(VETERINARY QUALITY)

VITAMIN A
10,000 International Units per gramme
VITAMIN D
1,000 International Units per gramme
at £1.15.0 per gallon nett, in 5-gallon drums

THE CROOKES LABORATORIES
(BRITISH COLLOIDS LTD.)
PARK ROYAL · LONDON · N.W.10

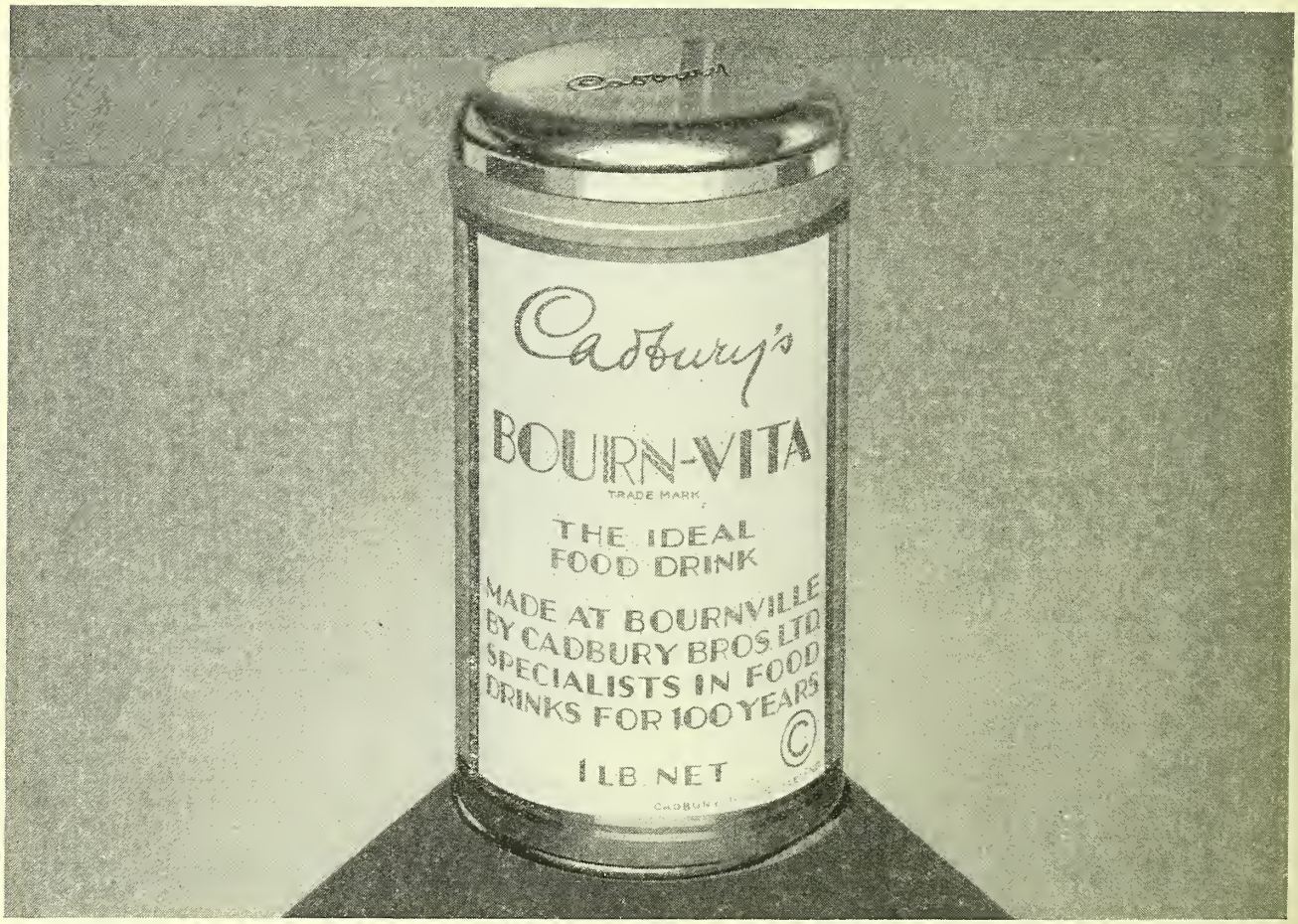
Telephone:
Willesden 6313 (5 lines)

Telegraphic Address:
Collosols, Harles, London

T.G.S.

Cadbury's

BOURN-VITA



The Protective Food

INDEX TO ADVERTISERS

Acton Pill & Tablet Co., Ltd. (Uricure Tablets) 24
Allen, Stafford, & Sons, Ltd. (Essential Oils) 5
Association of Manufg. Chemists, Ltd. Col. Supp.
Ayrton, Saunders & Co., Ltd. (Wholesale Druggists) .....Cover iv

Barker, R. W., & Co. (Patent Agents) 16
Bayer Products, Ltd. ('Luminal') Leader Page
Beauty Proprietaries, Ltd. (New Distribution Arrangements) 9
Bell & Sons, Ltd. (Dog Remedies) ... 12
Bell, John, Hills & Lucas, Ltd. (Lotil Suntan Lotion) .....Leader Page
Berdoe & Fish (Valuers, &c.) ...Col. Supp.
Blackie, R. (Denfix) 10
Blythe, W., & Co., Ltd. (Chemicals) ... ii
Blyton, Astley & Co., Ltd. (Lozenges, &c.) 24
British Emulsifiers, Ltd. (Empire Bathjoy) 8
Brook, Parker & Co., Ltd. (Tablets, Pills, &c.) .....Leader Page
Burgoyne Burbidges & Co., Ltd. (Cordials) i
Burrough, James, Ltd. (Alcohol for Perfumery) .....Leader Page
Burroughs Wellcome & Co. ('Tabloid' 'Rytol') 25

Cadbury Bros. (Bourn-Vita) 4
Calvert, F. C., & Co., Ltd. (Dento Denture Cleanser) .....Cover ii
Cephos, Ltd. (Headache Remedy, &c.) v
Chemist and Druggist, The 17, Leader Page
Christy, T., & Co., Ltd. (Py-Shan Points Tea) 24
Cooper, Son & Co., Ltd. (Cachets) Leader Page
Cox, A. H., & Co., Ltd. (Pills and Tablets) 8
Cresswell Bros. (Sponges) .....Leader Page
Croda, Ltd. (Olive Oil) 24
Crookes Laboratories (Halibut Liver Oil) 3

Dixor, Ltd. (Beauty Preparations) 11
Domo Remedies, Ltd. (Domolene, &c.) 24
Drake & Dahm (Translators), Ltd. 16
Dudley & Co., Ltd. (Fixtures and Counters) xii
Duke Pharmaceutical Co. (Plastrodine) 24

Elboz, L., & Son (Metal Smallware) x
Elfrida Perfumery Co. (Beauty Aids)... 6
Evans Sons Lescher & Webb, Ltd. (Bismuth Carbonate) 13

Fennings, A. (Children's Cooling Powders) .....Leader Page
Foyles Libraries, Ltd. (Books) 16

Gale, Baiss & Co., Ltd. (Gabasol) ... v
Gallops, Ltd. (Acorn Foot Paste) 11
Gardner, W., & Sons (Glos.), Ltd. (Machinery) x
Garfield Tea Co. .....Leader Page
General Surgical Co., Ltd. (Hypodermic Syringes, &c.) ix
George, Ernest J., & Co. (Valuers, &c.) Col. Supp.
Glycerine, Ltd. vii
Goodalls (Leeds), Ltd. (Drugs, Galenicals, &c.) iv

Hackett, S. E. (Film Overstocks) Col. Supp.
Hampden Residential Club .....Col. Supp.
Hedley, T., & Co., Ltd. (Glycerine) ... 24
Heward, R. H., & Co. (Surgical Appliances) viii
Hewlett, C. J., & Son, Ltd. (Insect Bite Cream, &c.) iv
Hobson, Trimble & Co., Ltd. (Feet Plaisters, &c.) 24
Howard, Lloyd & Co., Ltd. (Pills, Tablets, &c.) ii
Hurtley, F. C., Ltd. (Supporter Belt) ix

Ilford, Ltd. (Selochrome Roll Film)... 20

Jacquesil Fabrics, Ltd. (Dawn Face Cloths) 10
Jefferson & Son ("Hernicura," Trusses, &c.) viii
Johnson & Johnson (Gt. Britain), Ltd. (Elastikon Adhesive Plaster) 18, 19
Josephs, Philip, & Sons, Ltd. (Shopfittings) .....Col. Supp.

King, J. C., Ltd. (Shopfittings, &c.) 8

Lauder, L. T. (Filling Machines) Cover iv
Lilly, Eli, & Co., Ltd. ('Lextron')... 26
Lofthouse & Saltmer, Ltd. (Losall's Salt, &c.) iv

[*Continued overleaf.*

StaffAllenS

TERPENELESS ESSENTIAL OILS

are made from the best quality raw materials and are of a very high standard

BERGAMOT **NUTMEG**
LEMON **PEPPERMINT**
ORANGE **LAVENDER**

etc.

A complete list of Terpeneless Oils will be sent on request

STAFFORD ALLEN & SONS LTD
MANUFACTURING CHEMISTS COWPER STREET, LONDON, E.C.2. DRUG GRINDERS

INDEX—cont.

London & Provincial Factors, Ltd. (Wanie Blades) 10
Low, Son & Haydon, Ltd. (Toilet Preparations) 24

McGlashan, D., Ltd. (Abdine) 24
Matthews, D., & Son, Ltd. (Shopfittings) .....Col. Supp.
Maund, F., & Berg, E., Ltd. (Showcases) .....16, Col. Supp.
Menley & James, Ltd. ('Benzedrine') iv
Mills, H., & Sons, Ltd. (Shopfittings)... xi
Milton Proprietary, Ltd. (Denture Powder) 7
Mundet Cork Products, Ltd. (Corks and Stoppers) x

National Association of Opticians 16
Nestlés Milk Products, Ltd. ("Lactogen") vi
Newball & Mason, Ltd. (Mason's Extract of Herbs) vii
Nicholas, R. E. (Romsey, Hants), Ltd. (Ruby Puppy Remedy) 22
Nu-Organic Remedies, Ltd. (Dr. Richard Weiss Preparations) vi

Old Strand Chemical & Drug Co., Ltd. (Pharmaceutical Chemicals, &c.) 24
Orridge & Co. (Valuers, &c.) ...Col. Supp.

Papier Poudré, Ltd. (Toilet Aids, &c.) 11
Patent Phosphates and Merchandise, Ltd. (Rice Starch) vii

Pendred & Heim (Perfume and Toilet Bottles) 24
Perken, Son & Co., Ltd. (Clinical Thermometers) .....Cover iv
Petrolagar Laboratories, Ltd. ('Endrine' Bonus) v
Pharmaceutical Lanoline Co. (Lanoline) ix
Pifco, Ltd. (Sharpex Stroppers) Leader Page
Potter & Clarke, Ltd. (Wholesale Druggists) 23
Prentif, Ltd. (Contraceptive Products) viii
Proprietary Agencies, Ltd. ("California Syrup of Figs") 26

Radio Times, The 1
Read, F. W., & Sons, Ltd. ("Duo-Ray" Infra-Red Ray Apparatus) ... viii
Reckitt & Sons, Ltd. ('Dettolin') ... vii
Rendell, W. J., Ltd. (Quinine Pessaries) .....Cover iii
Reynolds & Branson, Ltd. (Surgical Sundries) 16
Robinson & Sons, Ltd. (Su-Can Soluble Towels) xi
Roura & Forgas (Quicksilver) ii
Rudduck & Co. (Shopfittings) 16, Col. Supp.

Savory & Moore, Ltd. (Squibb Products) 21
Saxton Glynne Bottle Co., Ltd. (Medical Bottles, &c.) x
Scott & Turner, Ltd. (Andrews Liver Salt) vi

Scurr, C. A. (Optical Tuition) 16
Sherley, A. F., & Co., Ltd. (Veterinary Preparations) xi
Simpkin, A. L., & Co., Ltd. (Confectionery) vi
Smith, T. & H., Ltd. (Alkaloids) iii
Souplex, Ltd. (Beetleware) 24
Southalls (Birmingham), Ltd. (Sanitary Towels) viii
Starke, R. W. B. (Camomile Oil) 24
Steel, Adams & Co. (Labels) 12
Stemco, Ltd. (Forhans) 21
Sterns, Ltd. (Oils, Petroleum) iii
Suter, A. F., & Co., Ltd. (Gums) ii
Suttley & Silverlock (Chemists' Printers) xii

Temple Press, Ltd. (Plastics Journal) 2
Thompson & Capper Wholesale, Ltd. ("Mothaks") 14, 15
Town Talk Polish Co. (Liquid Silver Polish) xi

Vitality Vitamin Laboratories, Ltd. ("Renovita") 24
Vosemar Co. (Hair Curlers) 2

Wagner, R. V. (Dry Bottle Caps) x
West, A., & Partners ('Uno' Pen Stencil Outfit) 11
Wright, Layman & Umney, Ltd. (Coal Tar Soap) .....Front Cover

Zeal, G. H., Ltd. (Clinical Thermometers) .....Cover iv

Elfrida

POWDER CREAM

RADIO'S WEEKLY BEAUTY TALK TO NATION'S WOMEN

— tells them persuasively — *convincingly* — that Elfrida Powder Cream quickly triumphs over separate applications of cosmetics—proves how evenly the powder, expertly blended with the cream, tones with "type" and maintains delightful matt surface for hours.

★ **RADIO LUXEMBOURG**

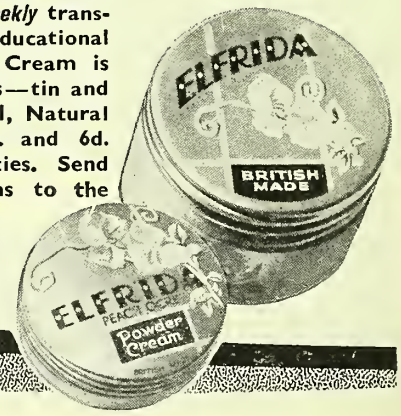
presents specially recorded Elfrida Powder Cream programmes and popular radio artists every Monday from 5.15 to 5.30—a delightful transmission augmented by Lady Betty Bourke's talks on "make-up" and offer of free beauty hints and booklet "Elfrida Aids to Beauty."

★ **NATIONAL ADVERTISING**

includes also all leading women's magazines which will feature valuable testimonials from Lady Bridgett Poulett and other leaders of fashion with offer of illustrated booklet "Aids to Beauty." Big reputation behind all Elfrida lines ensures instant popularity of Elfrida Powder Cream.

WOMAN'S NEW WAY TO BEAUTY

is being revealed by these *weekly* transmissions, backed by extensive educational advertising. Elfrida Powder Cream is put up in two attractive packs—tin and jar—and is supplied in Rachel, Natural and Peach-Ocre. Elfrida 3d. and 6d. lines sell in enormous quantities. Send for details of latest additions to the Elfrida range.



ELFRIDA PERFUMERY CO.
RAWDON, LEEDS.

MILTON DENTURE POWDER

(cleans false teeth without scrubbing)

Special Introductory Offer

EXTENDED TILL JUNE 30TH

The special introductory offer of Milton Denture Powder circularised to all chemists early in May and announced as being available till May 31st only has been made available till June 30th.

Those chemists who are cautious about buying even small parcels of a new line—even one bearing such a famous name as Milton—have had any doubts about the success of Milton Denture Powder dispelled by the prompt demand for this new product created by forceful advertising in the following National and Provincial publications.

DAILY MAIL
DAILY EXPRESS
NEWS OF THE WORLD
SUNDAY GRAPHIC
SUNDAY PICTORIAL
PEOPLE
LIVERPOOL ECHO
MANCHESTER EVENING NEWS
YORKSHIRE EVENING POST
GLASGOW BULLETIN
GLASGOW DAILY RECORD
BIRMINGHAM MAIL
NEWCASTLE EVENING CHRONICLE
RADIO TIMES
EVERYWOMAN'S
YORKSHIRE TELEGRAPH & STAR

MILTON ON THE AIR!

Milton Antiseptic advertising is now using the radio, speaking to a new public, winning new customers, building new business for you!

Programmes of half an hour each, four times every week, are broadcast from Radio Normandy on Wednesdays and Fridays, and from Radio Luxembourg on Tuesdays and Thursdays, all from 4 to 4.30 p.m. Radio Normandy commenced on May 21st and Radio Luxembourg on May 25th.

All first class programmes that will put up the sales of Milton!

MILTON IN THE PRESS!

Naturally press advertising for Milton Antiseptic continues. From and including June, advertisements are appearing in the leading national and provincial newspapers, and, a new departure, the best of the large circulation women's magazines.

By ordering one of the following parcels you can secure a small supply of Milton Denture Powder on the equivalent of £3 terms.

OFFER NO. 1—

1 doz. and 8 only 6d. tins MILTON DENTURE POWDER @ 4/6 per doz.	7/6d.
1 doz. 1/- tins MILTON DENTURE POWDER @ 9/- per doz.	9/-
4 only 6d. tins MILTON DENTURE POWDER as BONUS	—
5% *cash with order.*	16/6d.

OFFER NO. 2—

1½ doz. 6d. tins. MILTON DENTURE POWDER @ 4/6 per doz.	6/9d.
1 doz. 1/- tins MILTON DENTURE POWDER @ 9/- per doz.	9/-
½ doz. 1/9 tins MILTON DENTURE POWDER @ 15/9 per doz.	7/11d.
½ doz. 6d. tins MILTON DENTURE POWDER as BONUS	—
5% *cash with order. Post your order and cheque to-day.*	23/8d.

MILTON PRODUCTS NOW IN MIXED £3 AND £5 PARCELS

You can now buy mixed parcels of Milton Antiseptic, Milton Denture Powder, Milton Dental Cream and Milton Ointment. Thus if your stocks of Milton require replenishing you can make up a £3 or £5 parcel of Milton with some Milton Denture Powder and if desired other Milton products as well.

BONUS ON £3 PARCELS — 1½ doz. 6d. MILTON or 1½ doz. 6d. Milton Denture Powder

BONUS ON £5 PARCELS — 3 doz. 6d. Milton or 1 doz. 1/6 Milton or 3 doz. 6d. Milton Denture Powder

Carriage Paid. 2½% Ten Days

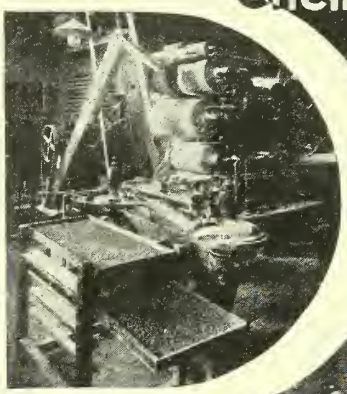
Post your order to-day to—
Milton Proprietary Ltd., John Milton House, 10-12, Brewery Road, London, N.7. *Phone: North* 3021

Private Formula work

Pills and Tablets

manufactured under the control of

Analytical and Qualified Chemists



ONE OF OUR LARGE 'PILL MAKING' MACHINES

Below: SPECIAL COATING

Coated or Uncoated

Bulk or Packed

A SECTION OF OUR BOX-MAKING AND SHOW-MATERIAL DEPT.

Exceptionally keen prices

COX *Estab. 1839*

ARTHUR H. COX & Co. LTD.

of BRIGHTON

KING'S

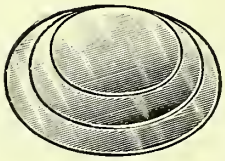
FOR SHOPFITTINGS

No. H 3249. Round Section Metal Display Pedestals, fitted with Rubber Studs at Top and Bottom. Stocked as follows :—

Height.	Brown Bronze Finish.	Chromium Plate Finish.
9-in.	1/6 each	2/6 each
12-in.	2/0 ,,	3/3 ,,
15-in.	2/3 ,,	4/0 ,,
18-in.	2/6 ,,	4/9 ,,
21-in.	3/0 ,,	5/6 ,,
24-in.	3/6 ,,	6/- ,,
30-in.	4/6 ,,	7/6 ,,

No. OK 256. First Quality Glass Ovals, ¼" thick, polished edges.

Size.		Size.	
9"×5"	12/- Doz.	16"×9"	22/6 Doz.
10"×7"	13/6 ,,	18"×12"	28/- ,,
12"×9"	14/6 ,,	20"×15"	45/- ,,
14"×10"	18/- ,,	24"×18"	52/- ,,



No. OK 354. Extension Glass Shelves, ¼" thick, polished edges.

Size.		Size.	
4" × 2½"	6/- Doz.	6" × 4"	8/- Doz.
5" × 3"	6/6 ,,	8" × 4"	12/- ,,
6" × 3"	7/- ,,	9" × 4"	13/- ,,

No. 9017. Heavy Pattern Screw Clip for connecting two Glass Shelves. Chrome plate finish 10/6 Dozen.

We will be pleased to forward our complete Catalogue of fittings and fixtures No. 1013, post free.

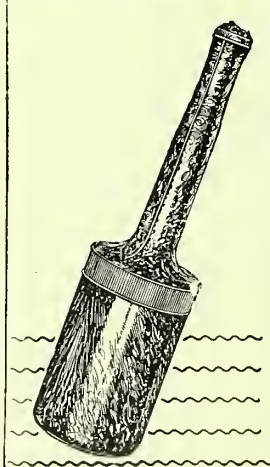
J. C. KING, LTD., 42-60 GOSWELL RD., LONDON, E.C.1

Phones: CLERKENWELL 2316 (Private Branch Exchange)

The EMPIRE

BATHJOY

The latest device for softening and perfuming water



Delicately perfumes and softens the hardest water. Perfumes :—Verbena, Lavender, Eau de Cologne, Dusk of India, and Pine.

Retail Prices

Complete Bathjoy in Bakelite

3/11

De Luxe Model in Beetle

5/11

Refills 1/6 each

usual Trade discounts

BRITISH EMULSIFIERS LTD.

Teddington, Middlesex

An elaborate Showcard sent on request.

Telegrams: Britemulsi, Teddington.

Telephone: Molesey 1202/3

NEW DISTRIBUTION ARRANGEMENTS FOR

Buty-Tone

We have pleasure in notifying you that owing to the rapid expansion of our business we are entrusting the distribution of our Buty-Tone Preparations from this date to Messrs.

ALFRED FRANKS & CO. LTD.

36-37 Hatton Garden, London, E.C.1

in association with BARTLETT DISTRIBUTING CO. LTD.

We would like to thank you for your past co-operation, which has played so great a part in introducing 'Buty-Tone' to the public, and which, combined with our steady advertising of the past few months, has resulted in the rapid development of 'Buty-Tone' sales.

Messrs. Alfred Franks & Co., Ltd., are most anxious to retain your goodwill, and will give your requirements their attention ; **we shall appreciate it if you will make a note to send all 'Buty-Tone' orders direct to them, so as to avoid delay in dispatch.**

This new arrangement has necessitated some slight readjustment of territories, but we are pleased to tell you that all our present 'Buty-Tone' representatives have been invited to join Messrs. Alfred Franks & Co.'s organisation. There is, therefore, every hope that the representative at present calling on you will continue to have that pleasure.

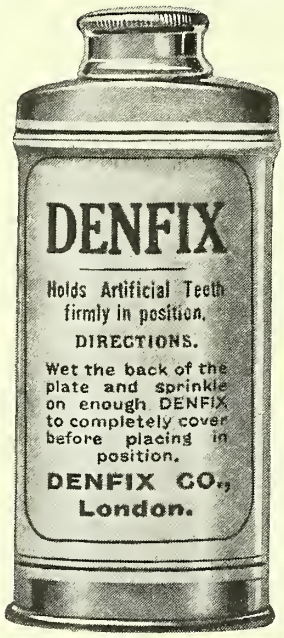
Buty-Tone

Products sell fast at the popular price of 2/- for the pots and 1/- for the tubes. They appeal to an ever-increasing number of women who insist on first-class Beauty Preparations at a price they can afford.

Display prominently and link up with the extensive advertisingnow appearing. Beautifully designed display matter, showcards and dummies are available for all stockists. Don't miss these profitable Buty-Tone sales.

Manufacturers :

BEAUTY PROPRIETARIES
LIMITED
EAGLE HOUSE, JERMYN ST.
LONDON, S.W.1



TELEPHONES HOP 2422 (4 lines)

RETAINS YOUR CUSTOMERS FIRMLY IN POSITION!

THE FINEST DENTURE FIXATIVE YET MARKETED

DENFIX

MADE BY

ROBERT BLACKIE,

TOWER BRIDGE ROAD,
LONDON, S.E.1

AND — **SPUN OINTMENTS** — OF COURSE

THE MOST FASTIDIOUS CUSTOMER WILL APPRECIATE THE EXTRA QUALITY OF THE SUPER

'DAWN'

FACE CLOTHS

No. JF 11. 12″ × 12″

In assorted colours or all white. Each cloth in transparent wrapper and packed in attractive display cartons containing one dozen.

RETAILS AT 9D EACH

"DAWN" SUPER FACE CLOTHS are also obtainable in a larger size for use in the bath

No. JF 11A. 14″ × 14″

In assorted colours or all white. Packed singly in transparent wrappers

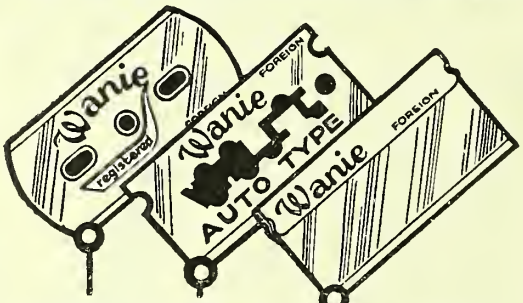
Jacquesil Fabrics Ltd

105/107 Princess St., MANCHESTER

London Agent: G. H. Bolton, 28 Falcon Square, Aldersgate St., E.C.1

WANIE

The Profit Raiser Blades



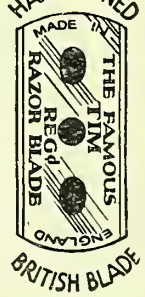
A range of Razor Blades that consistently raise your profits.

8/- PER GROSS

9/- PER 100

Free samples await your request.
Wholesalers are invited to write for Trade Terms.

3/9 PER GROSS **TIM**



LONDON & PROVINCIAL FACTORS Ltd.
146 Theobalds Road, London, W.C.1
and at 16 Withy Grove, Manchester.

Are you showing

PAPIER POUDRÉ?

If not—you are missing certain sales!

This well-known toilet aid sells wherever it is shown. Sales are increasing. Free display stand with 3 dozen.

Sold by all wholesalers or direct from the Sole Manufacturers and Proprietors:

PAPIER POUDRÉ LTD., 46 Baker Street, LONDON, W.1

We are also Sole Makers of Papier Poudré Outfits, Soap Leaves, Nail Polish Leaves, Cottage Garden Flower Perfumes, Sandal-Cedar Moth bags, etc., etc. All profitable, quick-selling lines.

ACORN FOOT PASTE

Sells at **4d** A TIN

NATIONALLY ADVERTISED to 17 MILLION MONTHLY

● Acorn Foot Paste is profitable and easy to handle. Packed in hygienic tins. 100% pure. 100% safe. Attractive counter displays.

OBTAINABLE from Butler & Crispe, May, Roberts & Co., Ltd., Brooks & Warburton, Ltd., etc., or your usual wholesaler.

Sole Manufacturers: GALLOPS, LTD., 115, EARL'S COURT ROAD, LONDON, S.W.5

Make your own **SHOWCARDS, PRICE TICKETS,** &c. with the

'UNO'

PEN STENCIL OUTFIT

Send for full particulars of this inexpensive but useful outfit

A. WEST & PARTNERS

91 PETTY FRANCE, WESTMINSTER, S.W.1

Beauty DIXOR *Preparations*

Velouty de Dixor

The original combined powder cream

Tubes	per doz.	Pots	per doz.
*No. 1	4½d.	3/-	Handbag (*Unbreakable*)	1/3	10/-
*No. 2	6d.	4/-	Glass	2/9	21/-
No. 3	1/-	7/-	De Luxe (*Unbreakable*)	4/6	36/-
No. 4	2/-	14/-	*Made in 5 shades:—White, Ivory, Natural, Ochre, Soleil Doré (Sungold)*		
No. 5	3/-	22/-			

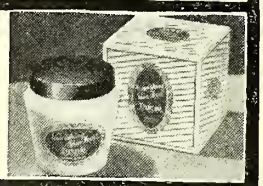
* *Not less than 1 doz. of each shade supplied.*

Nourishing Skin Food

Restores any deficiency of natural skin oils

The newest of skin foods; the formula being the result of recent research into skin conditions. Gentle but positive in action and harmless to the most delicate skin.

4 oz. Opal Pots, 2/9. 21/- per doz.



Cleansing Cold Cream

Another new product embodying the latest discoveries in cosmetic chemistry. Effectively cleans the pores of dirt and make-up without drying the skin, enlarging the pores or inducing hair growth.

6 oz. Opal Pots, 2/9. 21/- per doz.

Iradium de Dixor

Skin tonic

			per doz.
Bottles	Handbag size	1/-	8/-
,,	Small	2/6	18/-
,,	Large	5/6	39/-

Dixor Day Cream

(CRÈME DIXOR) *in White only*

			per doz.
Tubes	Small	6d.	3/-
,,	Medium	1/-	7/-
,,	Large	2/-	14/-
,,	Super	3/-	22/-
Pots	Fancy Glass or Opal	2/9	21/-
,,	De Luxe (*Unbreakable*)	4/6	36/-

Dixodor

Checks excessive perspiration

Bottles... 1/- ... 8/- per doz.

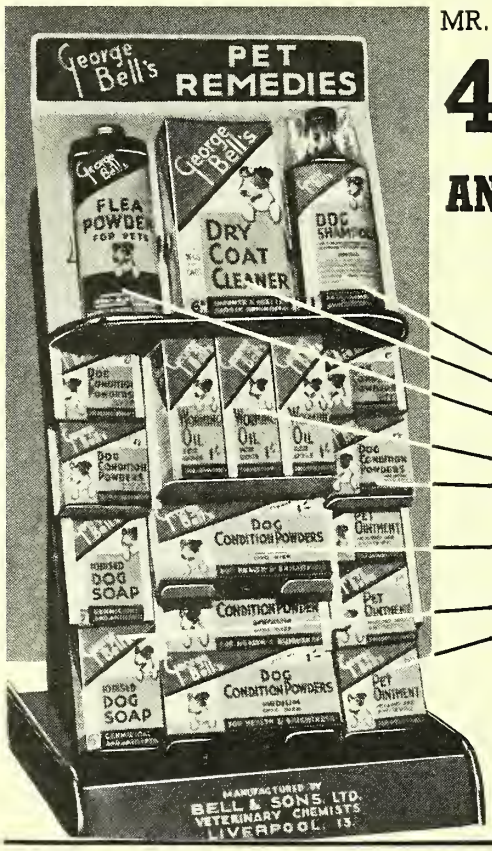
Eau Dixor

A liquid depilatory, for use on the arms and legs.

Bottles	Small	1/-	8/- per doz.
,,	Large	3/6	27/- ,, ,,

Minimum Retail and Wholesale Prices P.A.T.A.

DIXOR Ltd., St. LEONARDS WORKS, MORTLAKE, S.W. 14



MR. GEORGE BELL SPEAKING TO CHEMISTS

45/- for 30/-

AND THIS 'SILENT SALESMAN' FREE

CONTENTS OF STANDARD "SILENT SALESMAN"
(contents can be varied to the same value).

3	Shampoos	3/-
9	Coat Cleaners ..	4/6
1	Tin of Flea Powder	1/-
3	Worming Oils ..	3/-
28	6d. packets Condition Powders .. (3 strengths)	14/-
9	1/- packets Condition Powders .. (3 strengths)	9/-
12	Soap Tablets ..	6/-
9	Pet Ointments ..	4/6
	Total Value ..	45/-

As a special introductory offer I am giving a "Silent Salesman" free to Chemists with 45/- worth of George Bell's Pet Remedies for the sum of 30/-. The "Silent Salesman" is something quite new. Made of metal with aluminium finish. A customer can lift a packet from it, and another packet drops immediately into place. It occupies very little space and will prove a profitable business-getter. I shall be pleased to send one of my representatives to show you the "Silent Salesman" and to give you details of the National Advertising Campaign for my Compound Condition Dog Powders. Send your order through your wholesaler or direct to BELL and SONS, LTD., Veterinary Chemists, Dept. 1, Silverdale Works, Liverpool, 13

GEORGE BELL'S **'SILENT SALESMAN'**

C.V.S. 19.

QUALITY WITH SERVICE

. . . is a simple matter when Labels are printed by the modern litho-offset process

Three times faster than old-fashioned methods, it produces a beautiful job, hardly distinguishable from Photogravure —and all this at highly competitive Rates

• YOUR LABELS ARE A PERMANENT ADVERTISEMENT

If you would like to have samples and prices of some really good work, write to :—

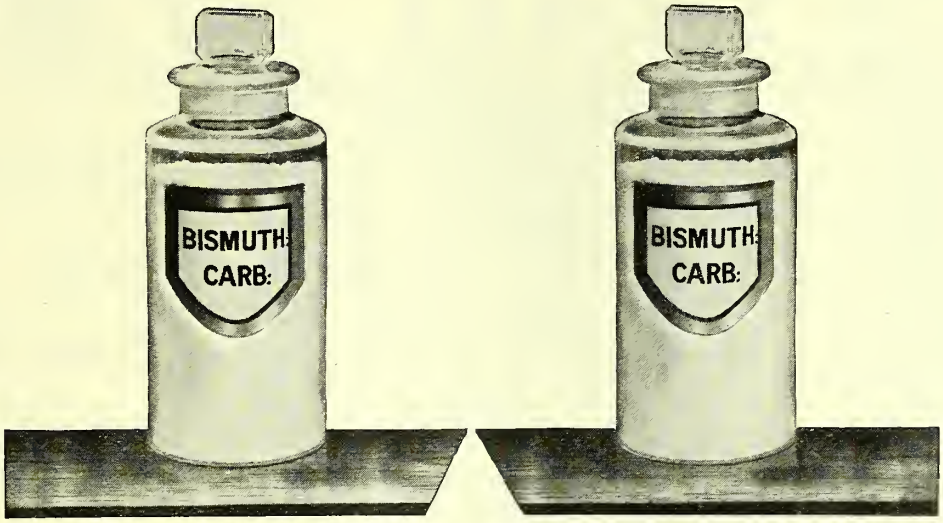
STEEL ADAMS & CO.

Specialists in Printing for Pharmacists . . .

Telephone : Central 2995

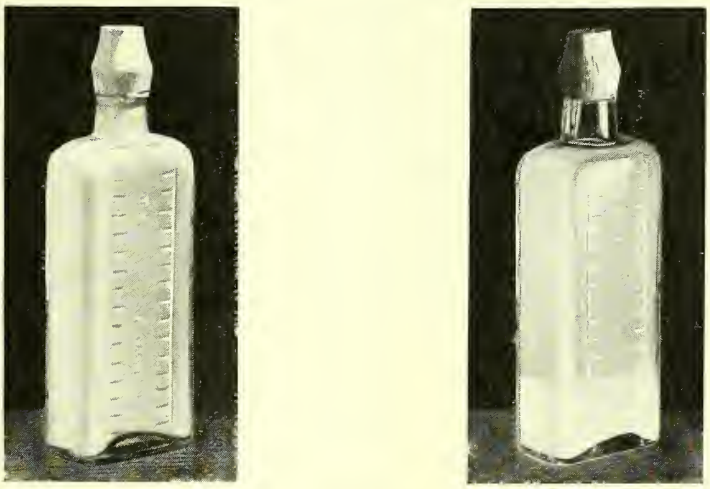
GAYTHORNE WORKS · JORDAN STREET · MANCHESTER 15

On the shelf . . . . .



the dry bulk may be the same.

But, when dispensed . . . . .



the suspensibility can be quite different.

Which do *YOU* prefer?

One thing is certain—
both Prescribers and Patients would like you to use

Evans' Super-suspensible Bismuth Carbonate

Evans Sons Lescher & Webb Ltd.
LIVERPOOL and LONDON

VERY EASY TO SELL...

because they are heavily advertised

All this NATIONAL ADVERTISING will send the people into YOUR shop if they see 'MOTHAKS' displayed in your window

This new and attractive showcard is now available and will be sent on request. Its striking colour scheme of purple, orange and red will prove a big sales attraction.

Advertised Nationally in

RADIO TIMES — HOME & COUNTRY
CHRISTIAN HERALD — WELDONS 'BIG 4'
SUNDAY DISPATCH — WOMAN'S OWN
SUNDAY EXPRESS — NEWS CHRONICLE
AND OTHER PAPERS

MINIMUM RETAIL PRIC
6D. PER BAG

WHOLESALE PRICE
4/- PER DOZ. BAGS

'MOTHAK' POWDER
(in Perforated Drums)
Retail 1/- each
Wholesale 8/- doz.

MOTHAK

Order your Window Display N

SOLE MAKE

Read what this Chemist says:—

COPY

Dear Sirs,

The result of a drive on the sales of your "MOTHAKS" went quite beyond my expectations and the special window display as per accompanying photo caused more attraction than anything we have instituted. Sales on Friday and Saturday last amounted to 85 packets and we were completely sold out by four o'clock.

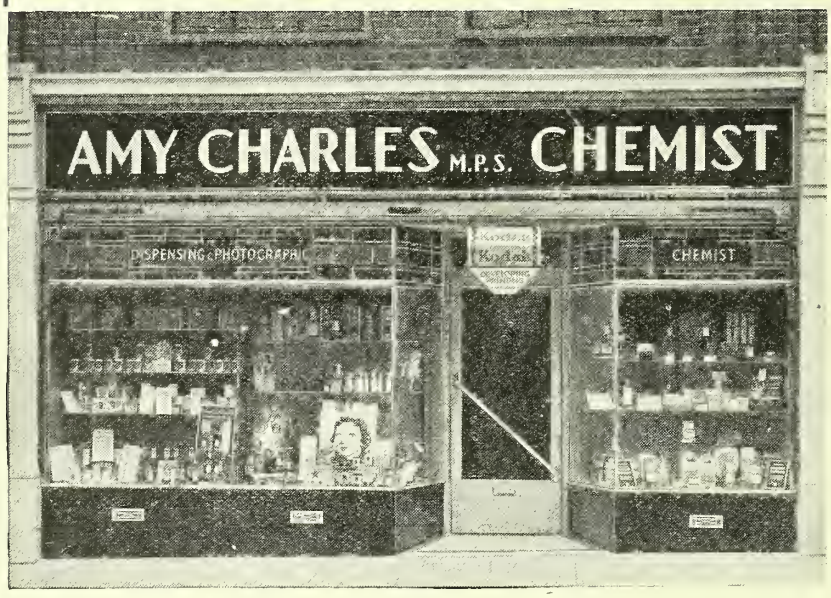
A further order has been put through to cope with demands. This product has distinct possibilities. Pamphlets on the counter provide the best means of introduction combined with the display of a single "MOTHAK". The price is right, and at this time of the year when blankets and clothes are being put away for the summer, there should be no difficulty in selling on an average 200 per week.

SELL and SELL and SELL!

Thompson & Capper Wholesale Ltd.

Manesty Buildings, 5 College Lane, LIVERPOOL, 1

RUDDUCK & CO



HAVE SPECIALISED IN

CHEMISTS' SHOP FRONTS AND INTERIOR FITTINGS

FOR MANY YEARS

LET US PLAN YOURS

No obligation is incurred by letting us submit designs and estimates and no charge is made.

RUDDUCK & CO.
219 & 227 OLD STREET LONDON, E.C.1
'Phone: Clerkenwell 3782–3–4

WE CAN HELP YOU

in furnishing you with Surgical and other sundries to give a high average profit!

Enquiries will receive our prompt expert attention

REYNOLDS & BRANSON Ltd., 13 Briggate, LEEDS 1
Telegrams: REYNOLDS Leeds *Telephone:* Leeds 20046

F. MAUND & E. BERG (SHOWCASES) Ltd.
SHOPFITTERS & SHOPFRONT BUILDERS
175/9 OLD STREET, LONDON, E.C.1
Telephone: Clerkenwell 1782/3
are offering for sale, at competitive prices, an extensive and exceptionally full range of Chemist's Fittings, Second-hand and New.

OPTICAL TUITION
FOR THE
S.M.C., B.O.A. and N.A.O. DIPLOMA Examinations
Particulars:—
C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.
50 HIGH STREET, BARNET, LONDON, N.

RECOGNISED OPTICAL QUALIFICATION
The next examination for the Fellowship Examination of the National Association of Opticians will be held at Birmingham on August 3rd, 4th and 5th, 1937
REVISED SYLLABUS, &c.
SECRETARY, N.A.O., 130 Princes Rd., Liverpool 8

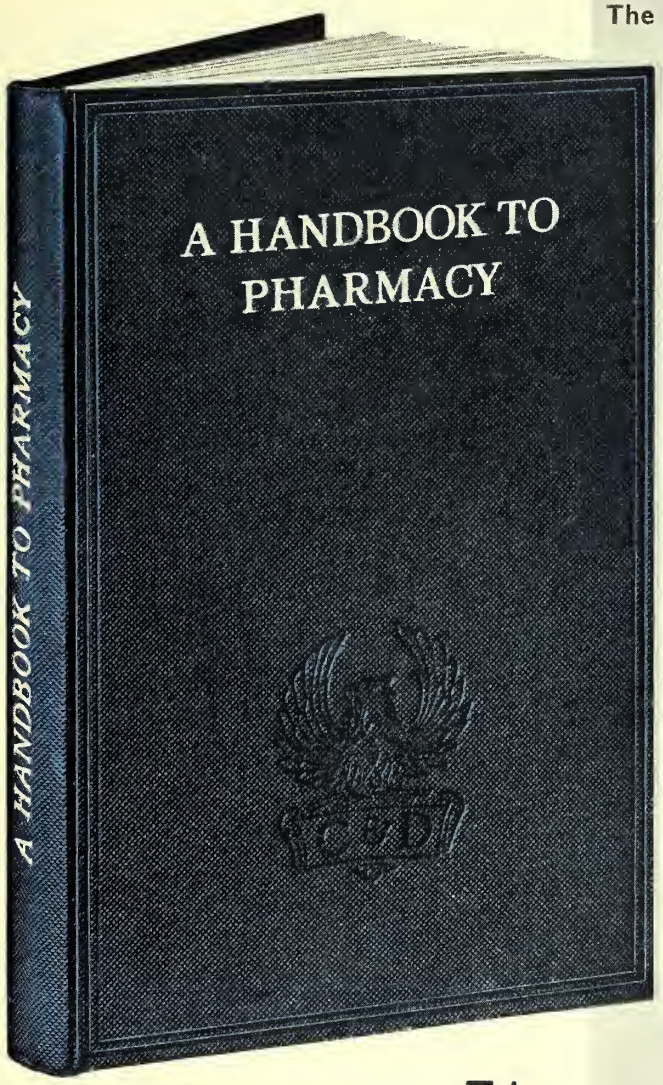
FOYLES
Twopenny Libraries
Full particulars of this profitable sideline from:
Foyles Libraries Ltd., 119-125 Charing Cross Rd., London, W.C.2
Telephone: Gerrard 5660 (12 lines)

DRAKE & DAHM (TRANSLATORS) LTD.
Specialists in pharmaceutical translations. All languages
18 BARTLETT'S BUILDINGS (HOLBORN CIRCUS)
LONDON, E.C.4
Phone: Central 3989.

PATENTS AND TRADE MARKS

There are many worrying difficulties to be overcome in connection with the Registration of Trade Marks and the grant of Letters Patent which members of the Retail and Wholesale Drug Trade can avoid by consulting efficient agents who would undertake all the trouble for an inclusive fee and obtain protection in the United Kingdom and abroad. Advice in the first instance free.

PROTECTED AT HOME AND ABROAD
BOOKLETS GRATIS
REGINALD W. BARKER & Co.
56 LUDGATE HILL, LONDON, E.C.4
Telephone City 5140



Price **5/-**

5/4 post free

A Handbook to Pharmacy

This book, just published, has been written by Mr. William Kirkby, M.Sc., Ph.C. It gives concise, accurate and complete information for professional and commercial pharmacists, authorised sellers of poisons and students of pharmacy.

It will be found essential for use in the laboratory — a good companion in the dispensing department and a reliable text-book for past, present and future students.

Your usual wholesaler can supply or you can secure a copy by return of post by completing the attached order form and posting to :

THE CHEMIST AND DRUGGIST
28 ESSEX STREET, LONDON, W.C 2

The Contents include:—

1932 British Pharmacopoeia Inorganic Chemicals—Organic Chemicals—Vegetable and other Drugs—Principal Constituents and Posology—Active Principles : Vegetable and Animal—Sera, Toxins and Vaccines—Official Volatile Oils—Official Fats and Oils—Official Waxes and Soaps—Galenical Preparations—Appendices.

NON-OFFICIAL MATERIA MEDICA — NON-OFFICIAL VOLATILE OILS — NON-OFFICIAL FATTY OILS—PHARMACEUTICAL INCOMPATIBILITY—PRESCRIPTIONS—VOCABULARY OF PHARMACEUTICAL NAMES—WEIGHTS AND MEASURES—SPECIFIC GRAVITY TABLES—ALCOHOL TABLES—SOLUBILITY TABLES—ATOMIC WEIGHTS—THERMOMETRY—CHEMICAL AND PHYSICAL LAWS — ELECTRICAL UNITS — BAROMETRY — POLARIMETRY — VISCOSITY — SOME DATA IN HUMAN PHYSIOLOGY—BACTERIOLOGY—REAGENTS AND STAINS FOR VEGETABLE MICROSCOPY — ENDOCRINOLOGY—POISONS AND POISONING—NUTRITIONAL FACTORS—VITAMINS—POISON REGULATIONS—A SUMMARY OF THE POISONS RULES — POISONS — DANGEROUS DRUGS—MEMORANDA OF BUSINESS KNOWLEDGE — CONTROL OF THE BUSINESS BY MEANS OF BOOK-KEEPING—BUSINESS TERMS —AVERAGE WEIGHTS AND HEIGHTS.

HP1

TO THE PUBLISHER

THE CHEMIST AND DRUGGIST

28 ESSEX STREET, STRAND, LONDON, W.C.2

Please forward me a copy/copies of 'A HANDBOOK TO PHARMACY' for which I enclose remittance value ..... herewith

AFFIX SLIP LABEL

NAME .....

ADDRESS .....

.....

B B

Elastikon

ELASTIC ADHESIVE PLASTER

The latest

JOHNSON & JOHNSON (GT. BRITAIN)

product from Johnson & Johnson

Elastikon is expanding, adaptable, flexible. It adjusts itself to the movements of joints, instead of resisting them as must a rigid-backed plaster. It should be especially recommended for finger joints, knees etc. Your customers will appreciate also the fact that Elastikon, although extra adhesive, is more easily and less painfully removed from the skin than other plasters. Deliveries are now available.

PRICES

1 yd. x ½″.....4/- dozen: retail 6d. each
1 yd. x 1″.....6/- ,, ,, 9d. ,,
1 yd. x 2″.....8/- ,, ,, 1/- ,,

STRETCHED LENGTH 1¾—2 YDS.

3 yds. x ½″ ..... 11/- dozen
3 ,, x 1″ ..... 14/- ,,
3 ,, x 1½″ .....17/6 ,,
3 ,, x 2″ ..... 22/- ,,

STRETCHED LENGTH 5—6 YDS.

5 yds. x 2″ ..... 43/- dozen

LTD · SLOUGH & GARGRAVE

All likely customers for Selochrome . . . Holiday-makers, serious photographers, new camera users, ever increasing in numbers as the holiday season approaches.

They will come to you for Selo and Selochrome films if you display the Selo and Selochrome window material and link up with our national advertising campaign. They will make this Coronation year a record one for your Selochrome sales if you invite them in with an attractive window display.

Make good use of the display cards, etc., already sent you and write for more if required.

SELOchrome

EXTRA FAST
ROLL FILM

MADE IN ENGLAND BY

ILFORD LIMITED
ILFORD · LONDON

ANNOUNCING ACTIVE PROMOTION
OF

SQUIBB
ETHICAL MEDICAL PRODUCTS

CALFO-RAYOL SQUIBB
Brand of
CALCIUM AND PHOSPHORUS WITH VITAMIN D
AN EFFECTIVE PREPARATION IN CALCIUM THERAPY

AMNIOTIN SQUIBB
Brand of
ŒSTROGENIC SUBSTANCE

SERENIUM SQUIBB
Brand of
DIAMINO—ETHOXY—AZO—BENZENE
URINARY ANTISEPTIC OF HIGH BACTEROSTATIC POWER

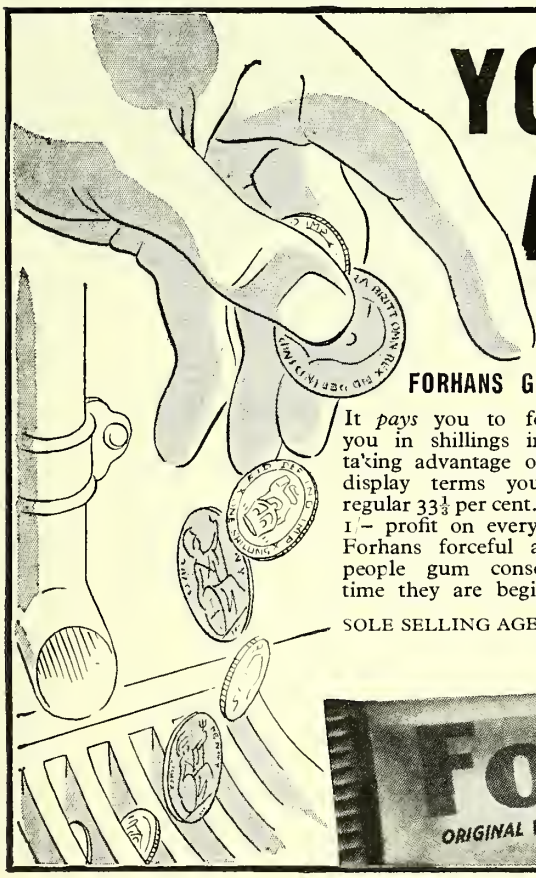
RAYOLEX SQUIBB
Brand of
VITAMINS A AND D
A HIGHLY POTENT SOURCE OF THESE VITAMINS

AMINOPHYLLINE SQUIBB
Brand of
THEOPHYLLINE WITH ETHYLENE DIAMINE

SULFANILAMIDE SQUIBB
Brand of
PARA—AMINO—BENZENE SULFONAMIDE
TREATMENT OF HÆMOLYTIC STREPTOCOCCIC INFECTIONS

A Price List of both the Medical and Household Specialities will be posted to every Pharmacist shortly

SAVORY & MOORE LTD., Medical Department
61 WELBECK STREET, LONDON, W.1
SOLE DISTRIBUTORS FOR E. R. SQUIBB & SONS, NEW YORK
MANUFACTURING CHEMISTS TO THE MEDICAL PROFESSION SINCE 1858



YOU THROW AWAY PROFIT

when you sell a low-priced dentifrice!

FORHANS GIVES YOU AS MUCH AS 1/- PROFIT ON EVERY 2/6 SALE!

It *pays* you to feature Forhans—pays you in shillings instead of pence. By taking advantage of the special Forhans display terms you can increase your regular 33⅓ per cent. profit to 40 per cent.—1/- profit on every large tube you sell! Forhans forceful advertising is making people gum conscious. For the first time they are beginning to realise their need for a dentifrice that does *both* jobs—cleans teeth *and* saves gums.

It is up to you to see that this interest is turned into ACTION—the action of coming into *your* shop and putting those shillings profit into *your* till. Only prominent, attention-getting displays can do this. That's *fact*—not fiction!

SOLE SELLING AGENTS: STEMCO LTD., 128, ALBERT STREET, CAMDEN TOWN, N.W.1

The famous

RUBY Remedy

for Worms in Puppies

The most effective preparation on the market

By Appointment

In a new and handy size for the Retail Trade

This Ruby Remedy is the same as used by the leading Kennels throughout the World

In elegant counter display box of ¼ doz.
(Retail at 2/- a bottle) **18/-** DOZ.

Extensively advertised in the National press as

OBTAINABLE FROM ALL CHEMISTS

Send your orders direct to the Manufacturers

R. E. NICHOLAS (Romsey, Hants.), LTD.

42 HAMPSTEAD ROAD, LONDON, N.W.1

Or through your usual Wholesaler

KASBAH KIDNEY CURE

A great Herbal cure for Backache, Gravel, and diseases of the kidney and bladder

RETAIL P.A.T.A. **9d** PACKET

per doz. 5/-

This extremely effective Showcard, 18 in. × 14 in. in full oriental colours supplied with all orders

POTTER & CLARKE LTD.

60-64 ARTILLERY LANE, LONDON, E.1

'Grams : "Horehound, Phone, London." *'Phone : Bishopsgate 4761 (6 lines).*

AND AT 77 DANTZIC STREET, MANCHESTER, 4

'Grams : "Horehound, Manchester." *'Phone : Blackfriars 8734.*

Glass Bottles for TOILET & PERFUMERY
Distinctive Bottles Promote Sales
Pendred & Heim, 40 Trinity Sq., E.C.3
TELEPHONE: ROYAL 3659-4042

ENGLISH OIL OF CAMOMILE
(OL. ANTHEMIDIS)
From Plants Grown on My Own Farm
Also ENGLISH CAMOMILE FLOWERS
(ANTHEMIS NOBILIS)
LARGEST GROWER IN ENGLAND
R. W. B. STARKE
THE CHESTNUTS FARM, EYE, SUFFOLK

BLYTON, ASTLEY & CO. LTD.
Eagle Laboratories, Lr. Broughton, Manchester,
FOR
LOZENGES, PASTILLES, "MENTHELLS," and Quick-Selling SPECIALITIES.

URICURE TABLETS
REGD.
The Greatest of all Rheumatic remedies
A LINE THAT ONLY CHEMISTS CAN SELL
1/3 size, 7/-; 3/- size, 17/6; 5/- size, 25/- per doz.
The Acton Pill & Tablet Co. Ltd., Ash Vale, Surrey

PHARMACEUTICAL CHEMICALS ALKALOIDS, ESSENTIAL OILS
Digitalin Xst (Digitoxin)
OLD STRAND CHEMICAL AND DRUG CO. LTD.
PHONE: HOL 6093 AUDREY HOUSE : ELY PLACE : LONDON : E.C.1

DOMOLENE The Miracle Ointment, stops Pimples, Boils, etc. Price 1/6,
DOMOLENE-WOOL Stops Blood Poisoning, Price 1/6, (*Trade*) per ½-doz. 6/9
NATIONALLY ADVERTISED
Distributors to the Wholesale and Retail Trade:
MAY, ROBERTS & Co., Ltd.,
BURGOYNE, BURBIDGES & Co., Ltd.,
D. MAWDSLEY & Co. (for Lancashire), Shudehill, Manchester
DOMO REMEDIES Ltd., Plantation House,
FENCHURCH ST., LONDON, E.C.3 Phone: Mansion House 5754

For all grades of Olive Oil write for samples and prices to
CRODA LTD.
GOOLE, YORKS
PHONE: RAWCLIFFE 40 & 69
GRAMS: CRODA, GOOLE

Invaluable to Breeders & Trainers of Horses & Dogs
From usual Wholesaler or direct
VITALITY VITAMIN LAB. LTD. Melton Mowbray.

ALL CHEMISTS SHOULD STOCK
ABDINE
THE GOLD MEDAL HEALTH DRINK. Quick Seller. Big Profits. Over 60 years' Reputation. "Abdine" is obtainable from the Wholesale Houses. Attractive Display Material constantly available.
DUNCAN McGLASHAN LTD., ABDINE WORKS, WESTFIELD RD., EDINBURGH

Eau de Cologne . . . Lavender Water
ALL TOILET PREPARATIONS
Low, Son & Haydon, Limited
5 GT. QUEEN ST., LONDON, W.C.2 COURT PERFUMERS
TELEPHONE: HOLBORN 4007 EST. 1790

MAKERS OF **SOUPLEX** BEETLEWARE
LTD
London Office: Finsbury Court, Finsbury Pavement, E.C.2
MORECAMBE LANCS.
Sheffield Office: 87 Fargate

HIGHLY PROFITABLE
Is "Plastrodine" prominently displayed on your counter? If not you are missing the business which constant advertising to the public is creating. "Plastrodine" is the modern form of Iodine. On attractive display cards from your wholesaler.
Safety First
PLASTRODINE
First Aid
IODINE LIQUID PLASTER
Made by: DUKE PHARMACEUTICAL CO., Duke St., Liverpool

"Hobson's Choice"
FEET PLAISTERS POWDERS
From the usual Wholesalers or direct—
HOBSON, TRIMBLE & CO. LTD.
11 Union St., LEEDS.

GLYCERINE
The Purest Quality on the Market. Produced by
THOMAS HEDLEY & CO. LTD., TRAFFORD PARK
Chemically Pure B.P. Industrial White. Pale Straw.
Sole Distributors:
FREDK. BOEHM LTD., 17 Jewry Street, London, E.C.3. and 140 West George Street, Glasgow.

THE CHEMIST'S MONOPOLY—
P.P.T. Py-Shan Points Tea
SECURES YOU REGULAR CUSTOMERS
5d. per lb. PROF.T, or 7d. per lb. when cash accompanies order
THOS. CHRISTY & CO. LTD., 4-12 Old Swan Lane, E.C.4

The significance of reputation

'TABLOID' 'RYTOL' has been used by official photographers of practically every expedition of note for thirty years—they often risked their lives but never their photographs.

Your photographic customers are no less anxious for successful results.

If they do their own processing, sell them this most economical and satisfactory of all developers—

TRADE MARK **'TABLOID'** BRAND **'RYTOL'** TRADE MARK

UNIVERSAL DEVELOPER

Cartons contain products sufficient for 100 *ounces normal developer*

London Prices to the Trade (subject) 19/- per doz. cartons

The same high standard is characteristic of all 'TABLOID' PHOTOGRAPHIC CHEMICALS.

'TABLOID' FINE-GRAIN Developer, 'TABLOID' 'TANCOL' Developer, 'TABLOID' METOL-QUINOL and other developers. 'TABLOID' CHROMIUM INTENSIFIER, 'TABLOID' DESENSITISER, 'TABLOID' TONERS, 'SOLOID' STAINS, etc.

Sales-promotion material available on request

BURROUGHS WELLCOME & CO., LONDON

G 2002

COPYRIGHT

A LILLY PRODUCT IN DEMAND

'LEXTRON'

TRADE MARK BRAND

LIVER-STOMACH CONCENTRATE WITH IRON AND VITAMIN B COMPLEX

ISSUED IN PACKAGES OF 42, 84 & 500
'PULVULES' BRAND FILLED CAPSULES

IF IT BEARS A RED Lilly —IT'S RIGHT

ELI LILLY AND COMPANY LIMITED

2, 3 & 4 DEAN STREET, LONDON, W.1

Telephone: GERRARD 2144 Telegrams: "LILLYPHARM, RATH, LONDON"

DISTRIBUTING AGENTS IN BRITAIN FOR ELI LILLY AND COMPANY, INDIANAPOLIS, U.S.A.

Combined Quantity Discounts on

"CALIFORNIA SYRUP OF FIGS" (REGD.) BRAND LAXATIVE

★ **PHILLIPS' DENTAL MAGNESIA**

★ **"MILK OF MAGNESIA"** (REGD.)

★ **"DANDERINE"** (REGD.)

SPECIAL PARCEL

12½% will be allowed on orders value **£6** comprised of items marked ★ above, 7½% being allowed on "California Syrup of Figs" ordered at the same time. Cash 30 days.

£3
Assortment of goods
Through your Wholesaler only
5% Cash 30 days

£6
Assortment of goods
7½%
Cash 30 days

ALL DISCOUNTS ARE CONDITIONAL UPON 14 DAYS' WINDOW OR COUNTER DISPLAY

PROPRIETARY AGENCIES, LTD.

179-181 ACTON VALE, W.3 'PHONE: SHEPHERD'S BUSH 4435

The CHEMIST AND DRUGGIST

The Business Newspaper for all Sections of the Drug, Pharmaceutical, Chemical, Cosmetic, Perfumery and Associated Industries

The official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland, and of other Chemists' Societies in Overseas Dominions

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams : "Chemicus, Estrand, London" *Telephone : Central 6565 (10 lines)*

BRANCH OFFICES

4 CANNON STREET, MANCHESTER (TEL.: BLACKFRIARS 3052)
54 FOSTER'S BUILDINGS, HIGH STREET, SHEFFIELD (TEL.: 22458)
19 WATERLOO STREET, GLASGOW (TEL.: CENTRAL 2329)
111 NEW STREET, BIRMINGHAM (TEL.: MIDLAND 2921)
19 QUEEN STREET, MELBOURNE, C.I. AUSTRALIA
55a SHORTLAND STREET, AUCKLAND, NEW ZEALAND
155 AVENUE DE WAGRAM, PARIS, XVIIe (TEL.: ETOILE 19-79)
PLANTAGE FRANSCHELAAN 32 AMSTERDAM-C. HOLLAND

CONTENTS

VOL. 126. NO. 2992 JUNE 12, 1937

	PAGE
Analyst's Report	672
Births	675
Books, New	678
British Pharmaceutical Conference	669
Business Changes	667
Coming Events	675
Commercial Notes	686
Correspondence:—	
Letters	687
Miscellaneous Inquiries	688
Company News	668
Deaths	675
Dental Board	680
Editorial Articles:—	
Doctors Win Again	677
Search for Narcotics	677
Shortage of Phenol	678
New "Thorpe"	678
Gazette	668
General Medical Council	670
Information Department	67[illegible]
Insurance Act Dispensing	668
Irish Notes	666
Items in Parliament	681
Khartoum Pharmacy	679
Legal Reports	667
Marriages	675
News of the Week	663
Personalities	674
Retrospect	688
Schimmel's Report	681
Scottish Notes	665
Scottish Pharmaceutical Federation	672
Sorbitol in Toilet Preparations	680
Topical Reflections	666
Trade Marks	674
Trade Notes	673
Trade Report	682
Western Pharmacists' Association	671

News of the Week

Arms Export Prohibition Order

An Order in Council appeared in "The London Gazette" of June 8 with the title "The Arms Export Prohibition Order, 1937." The main clauses of the Order are:—

1. As from June 15, 1937, the following articles shall be, and the same are hereby prohibited to be exported from the United Kingdom, or to be shipped as ship's stores on vessels proceeding to foreign ports, that is to say:—

Mustard gas (dichlorethyl sulphide);
Lewisite (chlorvinyldichlorarsine and dichlordivinylchlorarsine);
Methyldichlorarsine;
Diphenylchlorarsine;
Diphenylcyanarsine;
Diphenylaminechlorarsine;
Phenyldichlorarsine;
Ethyldichlorarsine;
Phenyldibromarsine;
Ethyldibromarsine;
Monochlormethylchlorformate;
Trichlormethylchlorformate (diphosgene);
Dichlordimethyl ether;
Dibromdimethyl ether;
Cyanogen chloride;
Ethyl bromacetate;
Ethyl iodacetate;
Brombenzylcyanide;
Bromacetone;
Brom-methylethyl ketone;
Chlorpicrin.

Provided always, and it is hereby declared, that this Order shall not apply to any exportation or shipment as ship's stores which shall be expressly permitted by a licence given by the Board of Trade, and in accordance with the conditions (if any) of such licence.

2. The Merchant Shipping (Carriage of Munitions to Spain) Act, 1936, . . . shall apply to all articles enumerated in Article (1) of this Order.

Key Industry Duty Exemption

The Treasury have made an Order under Section 10 (5) of the Finance Act, 1926, exempting DI-GLYCERYL TETRA ACETATE from key industry duty from June 16, 1937, until December 31, 1937.

Key Industry Exemption Application

The Board of Trade has received an application under Section 10 (5) of the Finance Act, 1926, for an Order exempting PHENOL (SYNTHETIC) from liability to key industry duty. Any communications should be addressed to the Principal Assistant Secretary, Industries and Manufactures Department, Board of Trade, George George Street, London, S.W.1, not later than June 22.

Court Finding on Doctors' Capitation Fee

On June 7 there was issued the finding of the Court of Inquiry set up by the Minister of Health and the Secretary of State for Scotland, under the chairmanship of Lord Amulree, to consider the question of the capitation fee payable to medical practitioners under the scheme of National Health Insurance, having regard to any changes since 1924 in the cost of living, the working expenses of practice, the number and nature of the services rendered to insurance patients, and other relevant factors, and on the assumption that as from January 1, 1938, employed persons under the age of sixteen will have become entitled to medical benefit by virtue of amending legislation. The finding of the Court is that the appropriate capitation fee should be 9s., the figure at present obtaining in regard to insured persons over the age of sixteen. The introduction of legislation to entitle boys and girls to medical benefit immediately on becoming employed after reaching the school leaving age has awaited this decision.

In the Supplements to "The British Medical Journal" of May 29 and June 5, a total of more than thirty-nine pages is

devoted to the evidence and accompanying documents presented. The documents are printed under the following main headings:—Memorandum by Insurance Acts Committee of B.M.A.; Memorandum by the Minister of Health and the Secretary of State for Scotland; British Medical Association's Rejoinder; Rejoinder of the Minister of Health and Secretary of State for Scotland. Dr. H. Guy Dain opened the case for the Insurance Acts Committee of the Association on May 26. Dr. Gordon Ward addressed the Committee on behalf of the Medical Practitioners' Union on May 26 and 27. Mr. T. D. Harrison opened the case for the Ministry on May 27. Evidence as to working costs and other actuarial matters was given on May 28. On May 29 Dr. R. Paterson, senior medical officer of the Ministry of Health, Dr. D. L. Mackenna and Dr. F. J. Harvey gave evidence on behalf of the Ministry. Dr. D. G. Greenfield gave evidence on behalf of the B.M.A. Mr. Stanley Duff submitted observations on behalf of approved societies. Mr. T. D. Harrison and Dr. Dain made their final speeches, and the inquiry was closed with an expression of thanks by the chairman.

Proprietary Articles Trade Association

We are advised by the Proprietary Articles Trade Association, 43 Gordon Square, London, W.C.1, of the following additions to, alterations in and deletions from the Protected List. The retail and wholesale prices quoted are the minimum selling prices fixed by the manufacturers and protected by the P.A.T.A.:—

Alteration.—Himrod Manufacturing Co., Himrod's Asthma Cure, 4s., 36s. dozen; one dozen, 35s.; six dozen, 33s.; 24 dozen, 32s. 6d. dozen. *Addition.*—Parke, Davis & Co., Gluco-Fedrin, 10 c.c. vials with droppers, 1s. 9d., 14s. dozen. (Irish Free State, 2s., 16s. 3d. dozen.) *Deletion.*—Joseph Lingford & Son, Ltd., Lingford's Liver Salt.

British Standards Institution

A specification for density hydrometers for use in milk has just been published by the British Standards Institution. The basis of adjustment adopted for these hydrometers is that they shall indicate density, i.e. mass per unit volume, in grams per millilitre, at 20° C., in a liquid having a surface tension of 46 dynes per cm.—a mean value for the surface tension of milk. Copies of this British standard (No. 734-1937) may be obtained from the Publications Department, British Standards Institution, 28 Victoria Street, London, S.W.1, price 3s. 10d. each post free.

Birmingham

The following officers have been appointed to the Local Committee of the British Pharmaceutical Conference, Birmingham, 1939:—*Chairman,* Mr. E. W. Mann; *Vice-Chairmen,* Messrs. H. Rigg and G. R. Williamson; *Joint Treasurers,* Alderman J. Poole and Mr. Maurice Smith; *Secretary,* Mr. D. J. Rushton; *Assistant Secretary,* Mr. E. C. Thonger.

Coventry

The Coventry and Warwickshire Branch of the Pharmaceutical Society held a garden party in the Jephson Gardens, Leamington Spa, on June 3. Members were received on the lawn, beside the river Leam, by the president and Mrs. Davis, and then attended a special matinee given by a concert party in the Jephson Gardens Pavilion. Tea was taken in the Pump Room Annex, instead of at the riverside, owing to the unsettled weather. After tea a party was conducted round the Pump Room and baths; and a bowls tournament, under the direction of Councillor Pratt, was held in the Victoria Park. The match resulted in a tie between the team of Mr. Bales and that of the president, and was won by a narrow margin by the president's team, after further play. A collection was made in aid of the Benevolent Fund, and a vote of thanks was accorded to Mr. W. J. Leist (Spa manager) for assistance given to the new secretary in making the arrangements.

Durham

At the annual meeting of the Durham County Branch of the Pharmaceutical Society held at Durham on May 27 Mr. F. T. Richardson, Chilton, Ferryhill, was elected *President* and Mr. Wm. Low, Blackhill, *Vice-President.* The *Treasurer,* Mr. T. Melrose, sen., and *Secretary,* Mr. R. S. Backhouse, were re-elected. The thanks of the members were accorded to Messrs. J. F. Penman and W. Nixon (members of the staff of the Sunderland Technical College), to Dr. J. Stanley White (Parke, Davis & Co.) and to Mr. E. Binns (Photocrafts, Ltd., Newcastle-on-Tyne) for addresses given during the session. Comment was made on the meagre attendance at the sessional meetings.

Leicester

At the Leicester College of Technology Sports on June 5, students of the School of Pharmacy gained awards in a number of the events. For the fourth year in succession the School won the tug-of-war shield, both Pharmacy teams being in the final on this occasion.

The School of Pharmacy, Leicester College of Technology, paid a visit to the works of Ucal, Ltd., Cheltenham, on June 2. The party arrived about 11 a.m. and after a tour of the works were entertained to lunch. A cricket match was played in the afternoon between the Ucal team and the School of Pharmacy, resulting in a draw. Mr. Chamings responded to the welcome given by the managing director (Mr. Harold Miller).

Liverpool

The new scheme for a chemists' dispensing service throughout Liverpool from 12.30 to 1.30 p.m. on Sundays and public holidays is stated to be working satisfactorily, while enabling the majority of pharmacists to have a weekly day of rest.

The committee of the Guild of Public Pharmacists, Liverpool Branch, has elected the following officers for the ensuing year: *Chairman,* Mr. W. A. Woodward; *Vice-Chairman,* Mr. W. L. Nixon; *Treasurer,* Miss D. Bentley; *Secretary,* Mr. D. B. Mossman.

Mr. T. Edward Lescher, O.B.E., who has been for two years chairman of the Liverpool Chamber of Commerce, will shortly be succeeded in office by the present vice-chairman. At a meeting of the Birkenhead Chamber on June 7, a resolution was passed congratulating Mr. Lescher on his work during his period of office.

Mr. W. Gill Hodgson, O.B.E., has been congratulated by the Liverpool Insurance Committee, of which he is the secretary, on having received a Coronation medal in recognition of his chairmanship of the National Association of Insurance Committees, and of his long service to the cause of health insurance in Liverpool.

London

Brome & Schimmer, drug and spice importers, Leather Market, S.E.1, had their first staff outing on June 6, when a party of twenty-eight visited Bracklesham Bay, Sussex, and had a most successful day.

The directors and staff of James Burrough, Ltd., Cale Distillery, Lambeth, held their annual outing on June 5, at Southsea. They travelled by coach and private cars to the coast and took luncheon and tea at the Savoy Café. The day proved a great success.

A commercial library, the first of its kind in London, is being opened during the present month at 56 Southwark Bridge Road, S.E.1. The library is open daily from 9.30 a.m. to 6 p.m. (Saturdays, 9.30 a.m. to 1 p.m.). A catalogue has been circulated to 2,000 firms in Southwark.

The twenty-fifth annual meeting of the South-East London Chemists' Association was held at Greenwich, on June 1, Mr. W. C. Spooner presiding. The financial secretary (Mr. W. B. Paton) and the treasurer (Mr. E. Richardson) presented reports on the finances of the Association; the general secretary's report was presented by Mr. E. Oswald Wells. Retiring officials, other than the general secretary, were re-elected, Mr. Frank Hepburn being appointed *Secretary.* The meeting voted £5 5s. to the Pharmaceutical Society's Benevolent Fund.

At a meeting of the Wimbledon and District Pharmacists' Association and Branches, held in the Wimbledon Town Hall on June 1, Dr. Alex Crawford spoke on "The Rôle of Minerals in Nutrition." He explained the use of iron in anæmia and how its value was increased in the presence of minute traces of copper; of calcium, phosphorus and vitamin D in bone formation; and bromine in the blood. The thyroid gland, he said, needed iodine for the elaboration of thyroxine. Cobalt, nickle and zinc were found in the pancreas but their use was not properly understood, although zinc delayed the absorption of insulin, and manganese was probably associated with reproduction. A vote of thanks was proposed by Mr.

Fenton and seconded by Mr. Taylor. The chairman, Mr. C. J. R. Pretty, read a letter the secretary had received from his Majesty the King thanking the members of the Association and Branches for their loyal message.

Manchester

At an executive meeting of the Manchester, Salford and District Branch of the Pharmaceutical Society, held on May 27, all the officials were re-elected for another year. Mr. J. E. Edwards was co-opted to fill the vacant seat on the executive.

Reading

Reading branch of the Pharmaceutical Society visited the Society's pharmacological laboratories on June 2. Mr. F. Wokes conducted the party, and the work was described by the staff in each department. Dr. J. J. Paterson expressed thanks to Mr. Wokes on behalf of those present.

Miscellaneous

GOLF.—The match for the Allenburys golf trophy, played at the Sherwood Forest Club, Mansfield, on June 3, was won by Mr. Boucher (3 up against bogey).

BRITISH PLASTICS FEDERATION, LTD.—The annual meeting of the British Plastics Federation, Ltd., was held at the Connaught Rooms, Great Queen Street, London, W.C.2, on May 25. Mr. H. V. Potter, B.Sc., F.I.C. (managing director, Bakelite, Ltd.), was elected *Chairman*, and Major H. C. Parker (director, Thos. De La Rue & Co., Ltd.) *Vice-Chairman* for the year.

INSTITUTE OF PHYSICS.—The annual meeting of the Institute of Physics was held on May 26. It was announced that the following would take office on October 1, 1937:—*President*, Mr. C. C. Paterson; *Vice-President*, Professor W. Makower; *Treasurer*, Major C. E. S. Phillips; *Secretary*, Professor J. A. Crowther; *New Members of the Board*, Professor J. Chadwick and Mr. D. C. Gall. The annual report for the year 1936 shows that the membership has continued to increase; the total membership at the end of the year was 902.

GARDEN PARTY.—The annual staff garden party and sports of Burroughs Wellcome & Co. were held in the grounds of the Wellcome Club and Institute, Dartford, on June 5. Mr. G. E. Pearson (general manager), Dr. S. Smith (works manager), Mrs. Smith, Dr. O'Brien (Wellcome Physiological Research Laboratories) and Dr. Henry (Wellcome Chemical Research Laboratories) were among the 700 present. Sporting events included athletics, bowls, tennis and aquatic sports, the prizes being distributed by Mrs. Smith. Evening attractions including a concert, dancing and fireworks.

SALES MANAGERS' CONFERENCE.—The Incorporated Sales Managers' Association held a conference at Bournemouth from May 28 to June 1. Sales management from producer to consumer was the general theme of the conference, and it was treated in three specific parts:—(1) The problems of the manufacturer selling through wholesale and retail traders. (2) Problems of the manufacturer selling direct to consumers—to be introduced by Mr. C. L. Field Ellis. (3) Problems of the retailer. Mr. Gilbert Carr, chairman of the Association, opened a discussion on "Sales Management as a Profession."

Scottish Notes

Opticians' Conference

The seventh annual conference of the Scottish Association of Optical Practitioners was held in Glasgow on June 2, Mr. Hugh W. Thomas, chairman, presiding. Resolutions were submitted from Ayrshire, Dundee, and Aberdeen, relating to the constitution of a central representative body of opticians in Scotland, the meeting finally adopting the following motion:—"That the committee which has been appointed has the confidence of the meeting, and that it should go forward with the preliminary negotiations and report back to the National Committee." A resolution received from Glasgow urging the necessity for a national advertising scheme was adopted, but duplication of such schemes was to be deprecated. The conference approved of a resolution expressing the view that an Optical Bill of a non-sectional character for the registration of all ophthalmic opticians qualified by examination should be prepared and presented to Parliament at the earliest opportunity. Addressing the conference on modern methods of diagnosing ocular imbalance and its correction with orthoptic training, Mr. L. A. Swann said that the optician's outlook on ophthalmic work was corrective and preventive. A banquet was held in the evening, when the chairman, responding to the toast of "The Association," said that every association from Aberdeen to Dumfries was represented, and expressed satisfaction that Scottish opticians were now united in friendly conference.

North British Executive

Voting papers have been issued for the election of the Executive of the North British branch of the Pharmaceutical Society. Voting papers must be received at the offices of the society, 36 York Place, Edinburgh, not later than 4 p.m. on June 15. The candidates are:—John Anderson, Dundee; Harvey P. Arthur, Crosshill, Glasgow; William A. Beattie, Edinburgh; Frederick W. M. Bennett, Arbroath; Marion J. L. Brindle, Edinburgh; Charles J. Collins, Portobello; William S. Culbert, Airdrie; Archibald Currie, Leith; Peter M. Duff, Partick, Glasgow; William Hamilton, Edinburgh; David Harley, Joppa, Midlothian; William F. Hay, Aberdeen; James Henry, Galashiels; James Innes, Leith; Thomas Mackenzie, Inverness; Thomas C. Miller, Dunfermline; James R. Milne, Dundee; Alexander Murray, Pollokshields, Glasgow; Olive Scarlett, Edinburgh; Thomas L. Sinclair, Greenock; James C. Somerville, Edinburgh; Charles Stewart, Kirkcaldy.

Edinburgh

The results of a competition played by Edinburgh Chemists' Golf Club over Kilspindie course on June 2 were:—1, J. B. McCaig (6), 63; 2, J. Finlay (scratch), 68; 3, D. R. Forgan (5), 73. *Second class*, G. Cowie (22), 73.

The Edinburgh Chemists', Assistants' and Apprentices' Association visited the Holyrood Brewery of William Younger & Co., Ltd., on June 1. Mr. A. Tait and Mr. Balfour Thomson (brewery staff) conducted the party over the works, demonstrating the entire manufacturing process. In the laboratories various testing devices were explained and some souvenirs of Louis Pasteur, who once visited the brewery, were exhibited. Dr. Isabella Purdie, Ph.C. (ex-president) proposed a vote of thanks.

FIVE-A-SIDE FOOTBALL.—Results in an Edinburgh Pharmacy Football Club five-a-side competition at Pinkhill on June 2 were:—*First Round*, Pharmacy B, w.o., St. Cuthbert's Athletic, scratched; Leith Shopkeepers B, 1, Inverleith Wednesday B, 2; Dunstar B, 2, Inverleith Wednesday A, 1; Italians, 4, Bonnyrigg Wednesday, 1; Peebles A, 1, Pharmacy A, 3; Dunstar A, 1, T. & H. Smith's B, 2; T. & H. Smith's A, 4, Peebles B, 2; Anderson's, 2, Leith Shopkeepers A, 3. Silver medals were presented to the winners. *Second Round*, Pharmacy B, 1, Inverleith Wednesday B, 3; Pharmacy A, 1, T. & H. Smith's B, 2; T. & H. Smith's A, 4, Leith Shopkeepers A, 3; Dunstar B, w.o., Italians, scratched. *Semi-Final*, Inverleith Wednesday A, 0, Dunstar B, 1; T. & H. Smith's B, 0, T. & H. Smith's A, 1. *Final*, T. & H. Smith's A, 1, Dunstar B, 0.

Members of the bowling section of the Glasgow Pharmacy Club, photographed at the opening game of the season, played at Jordanhill bowling green.

Irish Notes

Irish Drug Association

At the recent meeting of the Committee of the Irish Drug Association, over which Mr. P. A. Brady presided, the Committee had under consideration irregularities in the coding of prescriptions, and members of the I.D.A. were requested to report any irregularities that came under their notice. Reports were received of the leakage of lines on the Approved List, and supplies have been stopped. An attempt by grocers to procure supplies of medicinal wines through wholesale wine merchants, it was reported, had been effectively dealt with. Members were strongly urged to support the work of the P.A.T.A. by subscribing to its funds and by prompt renewal of their subscription. The secretary was directed to communicate with certain firms regarding the rate of profit on medicinal specialities, which in some cases was regarded as too low. It was decided to summon a special meeting of the provincial associations' delegates to be held in Dublin on June 21 at 3 p.m.

Belfast

The annual meeting of the local branch of the Photographic Dealers' Association was held on June 3. Mr. R. A. McEwen, Ph.C., presided. Following the presentation of the committee's report, on the satisfactory nature of which the chairman commented, Mr. S. H. Forester moved its adoption, and this was seconded by Mr. J. Dundee. The report was adopted. Mr. Dundee presented the financial statement, which was adopted on the motion of Mr. E. A. Richey, seconded by Mr. S. H. Forrest. Mr. John Smith (Rathgar, Dublin), the Irish representative on the National Council of the P.D.A., was welcomed by the chairman and expressed his pleasure at being present. Office-bearers were elected as follows: *President,* Mr. S. H. Forrest, Ph.C.; *Vice-President,* Mr. J. M. Poots, Ph.C.; *Treasurer,* Mr. J. Dundee, Ph.C.; *Secretary,* Mr. R. A. McEwen, Ph.C.; *Committee,* Messrs. C. Abernethy, Ph.C., J. Bell, J. C. Culbert, Ph.C., J. A. Fyffe, Ph.C., D. Henderson, Ph.C., J. A. McRoberts Ph.C., J. A. Pollock, E. A. Richey, Ph.C., R. A. E. Simmons, Ph.C., A. Steede, Ph.C., J. C. Young, Ph.C., and P. R. W. Shinner, Ph.C.

Miscellaneous

KERRY CHEMISTS' ASSOCIATION.—A meeting of the recently formed County Kerry Chemists' Association will be held at Tralee on June 13 for the purpose of electing officers and to discuss trade in the county.

CHANGE OF OWNERSHIP.—Mr. Patrick J. O'Regan, L.P.S.I., Ballymote, co. Sligo, has purchased Dr. O'Connor's Medical Hall, Bagenalstown, co. Carlow. Mr. O'Regan served his time at Sewell's, Killarney. He passed his Final examination with honours.

PRICES COMMISSION.—Under the terms of a new Control of Prices Bill introduced in the Dail, it is proposed to set up a Prices Commission in the Free State with the widest possible powers. Prices of articles subject to tariffs or quotas will be brought under control, and members of the public will have a legal right to demand receipts for any purchase exceeding 2s. This Commission will have the same powers as a High Court to compel the attendance of witnesses and the production of documents. Inspectors administering the Act will have power to demand the production of account books and to make any inquiries considered necessary. Shops may be required to display lists of retail prices for particular commodities, and this provision will also apply to vehicles, stalls, booths, etc.

Topical Reflections

By Xrayser

The June Meeting

of the Council of the Pharmaceutical Society (p. 653), although it apparently provided no thrills for those attending it, has interest for members of the Society for several reasons. The re-election of Mr. Marns as president will be generally acclaimed. He has carried out his past year's work with dignity and efficiency. My first experience of his chairmanship was at Bournemouth at the Conference last year, where he took the chair at the representatives' meetings and showed a ready resource in several difficult situations. I wish him a successful year of office. I cordially agree with the election of Mr. Guthrie as vice-president in place of our lamented friend Mr. E. H. Simmons. The co-option of Mr. J. H. Franklin has my entire approval; he has an intimate knowledge of pharmaceutical problems and politics, and, moreover, can express himself without fear or favour. I think pharmacists will be amused at the treasurer's speech, particularly those who voted for some of the new candidates. I like the expressions "will and whims" of the electorate, but I have little fear that in the effort to inject new blood into the Council they will "overrun" themselves. It is true, as the treasurer reminded his hearers, that the prestige of the Society has been built up by men of mature judgment and considerable experience and that these are still required. Admitted; but they are dying out or possibly are becoming "woolly," and the entry of fresh members should be welcomed, not regretted. The decrease in the number of apprentices, a subject I have commented upon before, was also mentioned at the meeting. Pharmacy does not attract as it once did, and I am not surprised that schoolmasters are looking to other callings for their pupils.

I Can Well Imagine

provincial pharmacists coming up to town in the years to come and looking with awe and admiration at the palatial residence of their Society, to which you refer on p. 651. No one doubts that it will be an imposing building and that the many activities of the Society will be more suitably housed in it than they are at present in the old building. But can we afford it? Our income is at its peak now; the next few years will, in my judgment, see a decrease in it. There are disintegrating forces at work in pharmacy which may undermine its structure—trends of public opinion which will not make for the elevation of pharmacy as a profession. Whether we like it or not, the only future pharmacy has is in its success as a business calling. The selling of drugs and the dispensing of medicines will never give its practitioners more than a bare pittance. What is left? The sale of medicinal specialities, of toilet goods and of side-lines; these will account for the bulk of the trade as they do now. It will be money made from this type of business that will be paid by members to the Society and will help to keep up the interest and other charges on the new house; and it will be in the main money made from the exercise of trade rather than from the exercise of a profession that will pay the by no means small salaries and wages of those who will take charge of the new building in Brunswick Square. These may not be comforting words, but they are needed. Not more education, but more goods to sell and more opportunities to sell them are required if the new house is to be kept going and finally paid for.

Factory Precautions

against air raids (p. 657) will, if carried out on anything like the scale suggested in the official handbook, be a serious charge on industry. Structural alterations will be necessary in many cases, involving big expenditure; the choice and training of the *personnel* will mean considerable loss of valuable time. One serious feature of the recommendations will be that the work, if carried out, will be non-productive. The producing section of the trade can ill afford any expenditure of the nature suggested, particularly at a time when "overheads" are rapidly rising. Fortunately, at the moment at all events, the recommendations are not compulsory, and we can all express the hope that they may never become so. There is grim humour in the quotation you give from the preface to the handbook.

Legal Reports

Dangerous Drugs Acts.—At Cupar Sheriff Court, on June 1, Mr. Robert Crawford, M.B., Ch.B., Kirkcaldy, was summoned for failing to keep a register of certain "dangerous" drugs. An agent admitted a charge that between December 21, 1936, and February 22, 1937, Dr. Crawford received from pharmacists drugs amounting to 54½ gr. of morphine sulphate and 42¾ gr. of diamorphine hydrochloride, and failed to keep a register of the drugs supplied and obtained by him. At the time an influenza epidemic was raging. It was stated that there were twenty-eight offences. A fine of £10 was imposed.

At Wolverhampton Police Court, on June 1, Mr. Ernest Stanley O'Sullivan, L.M.R.C.P., Irel., was charged with failing to enter true particulars of 26 gr. of morphine sulphate obtained. Mr. C. G. Thompson, defending, said that Dr. O'Sullivan had taken the morphine sulphate, but had since undergone treatment in a hospital in Ireland and was able to present a certificate of cure. He had been before the General Medical Council. The summonses were dismissed, the magistrates finding that there had been an endeavour to keep the register.

Pharmacy and Poisons Act, 1933.—At Mansfield Sessions, on June 3, a summons for unlawfully using the description "pharmacy" on premises at Urban Road, East Kirkby, was heard. The defendants were Dr. Gilbert's Bio-Chemicals, Ltd. Mr. R. Varley, prosecuting for the Pharmaceutical Society, said an inspector saw over each window of the premises the words "Bio-chemical Pharmacy." Neither the person in the shop nor Dr. Gilbert was a registered pharmacist. Mr. C. A. Mack, for the defence, said it was contended that bio-chemical treatment was an administration of salts. The title "pharmacy" was innocently used. A fine of £2 2s., with costs, was imposed.

At Highgate Police Court, London, on June 9, William Peden, Ltd., Aylmer Parade, N.2, were summoned for selling syrup of hypophosphites otherwise than under the supervision of a registered pharmacist; selling poison without being authorised; and using the title "chemist" without being registered. Mr. J. H. Jones, for the Pharmaceutical Society, said the sale was made by Mr. Peden, who was not a qualified chemist. Mr. Peden had undertaken to see that a qualified chemist was present all day. The defendants' solicitor said Mr. Peden was managing director of the company. The qualified pharmacist was not on the premises when the sale took place. The magistrates imposed fines of £1 on each of the summonses, with £5 5s. costs.

At Birmingham Police Court, on Tuesday, June 8, Mr. T. B. Gordon, chemist and druggist, The Parade, was fined £3, with £5 5s. costs, for unlawfully selling by retail Famel Brand Syrup in a container not labelled with the seller's name and address; and was ordered to pay 4s. costs in each case, following the dismissal under the Probation of Offenders Act of three further summonses: for, not being an authorised seller of poisons, selling the syrup; for selling it on premises not registered under the Pharmacy and Poisons Act; and for selling it without the sale being under the supervision of a registered pharmacist. Mr. A. C. Castle, who prosecuted, said Mr. Gordon was a registered pharmacist with a business in Birmingham, which he ran as a normal chemists' shop. He also had a business at 764 Stratford Road, which he ran as a drug store. One of the Society's inspectors called at this address and made a test purchase of Famel Brand Syrup, the sale being made by a Miss West, who was not a pharmacist. Mr. Gordon told the magistrate that the shop was only a small one, in which he sold toilet articles, fancy goods and a few patent medicines. He was not previously aware that the syrup contained poison.

Unsuccessful Claim.—In the King's Bench Division of the High Court, London, on June 7, Mr. Justice Atkinson heard a claim brought against John Barker & Co., Ltd., Kensington High Street, W.8., for damages under the Sale of Goods Act arising out of the purchase of some soap which was alleged to have caused dermatitis. The plaintiff was Miss Julia Ann Vincent, Chichele Road, N.W.2. Her case was that after using an eau de Cologne soap bought at the shop of Pontings, owned by the defendants, she suffered from a rash and skin irritation. The defence was a denial that the goods were not reasonably fit for the purpose required. In evidence Miss Vincent said that when using this soap she felt a burning sensation of the skin. She used the soap twice later, and then the irritation of the skin and the inflammation made her go to a doctor. She was under treatment for four months. Dr. Abraham R. Abelson, Chichele Road, said he had seen a report on the samples of the soaps used made by Dr. Roche Lynch. There was a variation in the samples. He also thought there was more ash present than there would be in a good soap. In reply to the judge, he said he could not tell what percentage of alkali would cause trouble. Replying to Mr. Fearnley-Whittingstall, defending, Dr. Abelson said he did not know whether the alkali was in the recipe. Miss Amy Martin, who resided with Miss Vincent, said she had used the soap and found it too strong. For the defence Mrs. Georgina W. McKenzie, a buyer for Messrs. Barker, said for the past four or five years they had bought from Charles Midgley & Co., Ltd., Manchester, and in that time had purchased and sold 224,000 tablets of soap without complaint. Mr. Ernest George Nicholls, a director of Charles Midgley & Co., Ltd., said in the twenty-two years he had been with the company there had never been any complaint. In this case the basis of the soap sent to Pontings was the same as was used in one of their medicated soaps for dermatitis cases. There had to be some alkali to prevent the soap becoming rancid. Anything under 0.1 per cent. of alkali would be passed by any soapmaker in the country. It was impossible to have a concentration of the alkali. Dr. H. D. Clementi-Smith said some free fatty acid had been found, but while he did not think this was a good thing he did not know what proportion was dangerous. Dr. Roche Lynch said he had never heard of dermatitis being caused through fatty acid. Fatty acid was a slight irritant in concentrations of about 50 per cent. In the quantities found it could not cause harm to the most delicate skin. Giving judgment for the defendants, with costs, Mr. Justice Atkinson said he would have had difficulty in finding the soap was the cause of the trouble; but if it was, it must be because of some idiosyncrasy in the plaintiff herself.

Gannon v. Hughes.—Mr. J. Hughes, M.P.S.I., Portlaoighise, writes pointing out that the result of the case of Gannon v. Hughes, reported in our issue of May 22, was arrived at by agreement after consultation, and that the heading of the report is not strictly applicable.

Business Changes

Mr. J. C. Watt, Ph.C., is opening a pharmacy in Bangor, co. Down.

Mr. W. A. Beggs, Ph.C., Crumlin Road, Belfast, is opening a pharmacy at Manor Street.

The pharmacy of Shields, Ltd., at Donegall Pass, Belfast, has been taken over by Mr. J. C. Johnston.

Mr. D. Ridgway Taylor, chemist and druggist, is shortly opening the "Upton" pharmacy at Long Lane, Upton Heath, Chester.

Mr. Gilbert Jamieson Spears, chemist and druggist, has acquired the business of Mr. D. C. Henry, chemist and druggist, 247 Great Western Road, Glasgow.

The branch business of Mr. W. Spence Culbert at 43-45 South Bridge Street, Airdrie, has been transferred to the main shop at 11-15 Stirling Street, Airdrie.

Mr. Andrew Wilson, Ph.C., has taken over the business formerly carried on by his father, the late Mr. Andrew Wilson, Ph.C., at 187 Albertbridge Road, Belfast.

Mr. Eric Allison, chemist and druggist, 25 Broomhill Drive, Glasgow, has purchased the business of Mr. Horace Guthrie Gray, chemist and druggist, 246 Crow Road, Glasgow, W.1.

Fairbank Kirby (Grimsby), Ltd., (wholesale manufacturing chemists, cod-liver oil and emulsion manufacturers) have removed to new factory and offices at Ropery Street, Grimsby (Telephone 3855).

Johnston & Adams, Ltd., chemists, 20 Murraygate, Dundee, have removed to larger premises at the corner of High Street and Commercial Street. The firm's wholesale business in Meadow Entry has been removed to 73 Murraygate.

Company News

P.C. means Private Company and R.O. Registered Office

MEDICAL SPECIFICS LTD. (P.C.).—Capital £100. Objects: To carry on the business of manufacturers of and dealers in chemicals, drugs, medicines, etc. The first directors are to be appointed. R.O.: 28 Lincoln's Inn Fields, W.C.2.

THATCHER, PIKE & CO., LTD. (P.C.).—Capital £1,000. Objects: To acquire the business of a chemist, druggist and dealer in photographic materals now carried on by John B. Deeks at 47 High Street, Shanklin, I.W., as "Deeks & Son."

CHASE & BELL (HOUNSLOW), LTD. (P.C.).—Capital £500. Objects: To carry on the business of wholesale and retail chemists and druggists, etc. The first directors are to be appointed. R.O.: 2 Parklands Parade, Bath Road, Hounslow.

R.H.S., LTD. (P.C.).—Capital £100. Objects: To carry on the business of general merchants, wholesale perfumers, vendors of patent medicines, etc. The first directors are not named. Secretary: Dennis L. Partington, 29-33 Berners Street, W.1.

YOUNG & HARRISON, LTD. (P.C.).—Capital £10,000. Objects: To carry on the business of chemists and druggists, manufacturers of, agents for and dealers in drugs, chemicals, toilet preparations, etc. James C. Young, 34 Bethune Road, N.16, director. R.O.: 7 Gillespie Road, Highbury, N.5.

FINDLAYS (PROPRIETARIES), LTD. (P.C.).—Registered in Edinburgh. Capital £6,000. Objects: To acquire the business of manufacturing and retail chemists, druggists, opticians, photographic dealers and manufacturers carried on by Findlay & Co. at 6 Patrick Street, Edinburgh, 152 High Street, Portobello, and 56 High Street, Musselburgh.

BUSH STORES (CHEMISTS) CO., LTD. (P.C.).—Capital £550. Objects: To carry on the business of wholesale, retail, manufacturing and dispensing chemists, etc. Abraham I. Shimansky, 43 Ashfield Road, Acton, W.3, director. R.O.: 174, 43 and 45 Railway Approach, Shepherd's Bush, W.12.

JOHN RENNY, LTD. (P.C.).—Capital £10,000. Objects: To enter into contracts with or on behalf of any government, local authority, firm, company or person for the supply of goods, stores, merchandise, machinery and all other articles; and to carry on the business of general merchants, etc. Solicitors: Bischoff Coxe & Co., 4 Great Winchester Street, E.C.

BRITISH CHLOROPHYLL CO., LTD. (P.C.).—Capital £100. Objects: To carry on the business of manufacturers, importers and exporters of chlorophyll and other substances and ingredients extracted from materials of a vegetable character, etc. Wm. Parker, Babingley Hall, King's Lynn, Norfolk; Henry Kunzer, 33 Bloomfield Terrace, S.W.1 (director of Fredk. Boehm, Ltd.), directors.

Bankruptcy Reports

Re Hardie Warwick Osborne, 9 Chapel Street, Guildford, and carrying on business at 75 North Street, Guildford, Surrey, chemist. This debtor's public examination was held at the Guildhall, Guildford, recently, when it was reported that there were ranking liabilities of £1,190 5s. 11d., and assets of £326 13s., or a deficiency of £863 12s. 11d. Debtor said he was formerly manager of a chemist's business, and in March 1933 relinquished that post to become a partner in another concern. Two others and he registered a limited company, of which he was appointed manager and a director, the company carrying on business as chemists at 64 North Street, Guildford. Debtor was the only active director of the company, which opened another shop at High Street in January 1936. In October last year debtor resigned from the company, and in the next month he acquired a lease of 75 North Street, Guildford, and fitted up the premises. He had no free capital when he commenced trading there, and borrowed money from the bank and another source. He agreed that he could not take advantage of cash discounts because he could not meet his accounts within the stipulated time. He had been in financial difficulties ever since he started the business, and in four and a half months he had sustained a loss of £181. His sales totalled £979, and the gross profit was £73, or 7½ per cent. on turnover. Debtor added that he had been promised support which did not materialise. Finally creditors took proceedings against him, and execution was levied early in March this year. The landlord distrained for rent, and the sheriff was in possession. Debtor attributed his failure to lack of capital. The examination was adjourned for closing.

Re William Holford Meyer, 32 High Street, Bridgnorth, Salop, chemist and druggist. The public examination of the above was held recently at the Shire Hall, Shrewsbury, when it was reported that the statement of affairs disclosed a surplus of £1,185 2s. 2d. The debtor stated that he filed his petition in order to protect himself and other creditors as he could not meet a sudden demand for £233 from one firm. The debtor commenced trading on his own account in 1911 and he had had about 12 businesses. He went to Bridgnorth in 1923 and traded at Listley Street for nine years. In 1932 he purchased the premises at the above address and had since carried on business at that address. The High Street business was a successful one. The Assistant Official Receiver remarked that it was rather extraordinary that with a statement showing a surplus of over £1,000 the debtor should be in the Court. The debtor stated that he filed his petition on the advice of his solicitor. The examination was closed, and the Registrar remarked that it seemed to him that the debtor was there through inadvertence more than anything else.

Gazette

Bankruptcy Acts

RECEIVING ORDER

BARRETT, G., 44 Market Place, Paddock, Huddersfield, chemist.

RECEIVING ORDER AND ADJUDICATION

ROE, C. J. G., 6 High Street, Epsom, chemist.

Insurance Act Dispensing

Record of matters concerning Chemists' interests in the National Health Insurance Acts.

ENGLAND AND WALES

Oldham.—During the last three months of 1936 the total number of prescriptions issued is reported as 103,658, compared with 107,303 in the corresponding period of the previous year. The average cost per prescription was 8.20d. against 8.02d. Insured patients totalled 68,143, compared with 66,806, and 415,185 prescriptions were issued, against 399,789.

Staffordshire.—The chairman of the Insurance Committee, in a review of the year, pointed out that 235 chemists or firms were under agreement with the Committee in respect of 371 shops. More than 1,095,000 prescriptions had been dispensed (1,058,000 in 1935); 32,974 insured persons obtained medicines from their doctors. The average total cost per insured person was 33.1s., compared with 32.7s.

Wigan.—The annual report of the Insurance Committee gives the number of chemists under agreement with the Committee at the end of the year as thirty-one. The cost of 178,810 prescriptions issued, as certified by the Pricing Bureau, was £5,728. The sum paid to chemists was £5,550. The average cost per insured person, the average cost per prescription, and the prescription frequency per insured person were lower in Wigan than the corresponding averages for the area of the Joint Committee. During the year 9,778 prescriptions were checked; of this number 115 were queried, of which 50 were allowed after investigation.

SCOTLAND

West Lothian.—The number of insured persons in the area on April 1 was 34,134, an increase of 570 since April 1, 1936. The cost of supplying drugs and appliances to insured persons during the year amounted to £2,625. Prescriptions totalled 42,654.

British Pharmaceutical Conference

THE programme of the Liverpool meeting of the British Pharmaceutical Conference, to be held on July 26-30, has just been issued. A few changes in the programme as printed in our issue of January 30 (p. 131) have been made. On July 27 the ladies' excursion at 11.15 a.m. will be (*a*) inspection of cathedrals, or (*b*) visit to Speke; on July 29 the science session will begin at 10 a.m., and the ladies' excursion at 10.15 a.m. will be to the docks, a tobacco warehouse and a liner; on the same day the supper-dance and cabaret will begin at 8 p.m.; and on July 30 the dance will begin at 9 p.m.

GENERAL NOTICES

The following tickets will be issued to those wishing to attend the Conference:—

(*a*) Book of tickets, Monday to Friday inclusive - £2 12s. 6d.
If applied for before June 26 - - - £2 10s. 0d.
(*b*) Day tickets will be issued for the events of any one day, if accommodation is available - - - - - - - £1 1s. 0d.

Very early application will be appreciated by the Committee. Cheques should be made payable to Martin S. Hughes, Hon. Treasurer, Liverpool Conference Committee, and sent with applications to the Hon. Local Secretary, Liverpool Conference Committee, 38 Allerton Road, Liverpool 18.

A full list of visitors to the Conference will be posted in the B.P.C. Inquiry Bureau at the Adelphi Hotel. The Bureau will be open from Sunday, July 25, at noon, and visitors should call there for books of tickets, etc., as soon as possible after arrival.

The ordinary monthly return tickets are available for visitors travelling from places in Great Britain; no vouchers will be necessary. Arrangements have been made with the Railway Clearing House whereby visitors from Ireland may travel at a single fare and one-third; the necessary voucher will be sent with the acknowledgment of applications for Conference Tickets.

Visitors are requested to make their own arrangements with hotels as early as possible—see below. In order to facilitate the work of the Committee, when making applications for tickets, lady visitors are requested to state, on the form provided, which excursions they wish to join, and all visitors should state whether they are taking part in the Friday excursion. Details of sports are given on a leaflet.

HOTEL ACCOMMODATION

Hotel	Address	Bed and Breakfast	Accommodation
		s. d.	
1. Adelphi... ...	Lime Street	14 6 19s. 6d. with private bathroom	250
2. Exchange ...	Tithebarn Street ...	13 6	60
3.*Alexandra Court	Alexandra Drive ...	10 6	20
4. Hanover ...	Hanover Street ...	10 0	20
5. Angel	Dale Street	9 6	14
6. Blundellsands ...	Blundellsands	9 6	14
7. Stork	Queen's Square	9 6	20
8. Royal	Marine Terrace, Waterloo	9 0	10
9.*Dorchester ...	Rodney Street	From 6 6	36
10.*Hunts	Mount Pleasant ...	8 6	10
11. Imperial ...	Lime Street	8 6	30
12.*Shaftesbury ...	Mount Pleasant ...	From 8 6	30
13. Woodside ...	Birkenhead	8 6	11
14.*Lord Nelson ...	Lord Nelson Street ...	7 6	30

* Unlicensed. All within short distance except Nos. 3, 6, 8 and 13.

LIVERPOOL CALLING

SIR,—Reference has been made already to the fact that the formal invitation to attend the British Pharmaceutical Conference, which is to be held in Liverpool during the week commencing Sunday, July 25, has been circulated. Although nominally issued in the name of the Liverpool pharmacists, we should like to make it quite clear that this is really on behalf of all Merseyside and District pharmacists—prominent pharmacists in Birkenhead, Wallasey, Bootle, Southport, etc. (our new councillor, Mr. Hugh Wallis, of Chester, is on our Local Executive), are co-operating whole-heartedly to do all that is humanly possible to make the Liverpool Conference in this Coronation year a crowning success. In addition to the hotels already detailed, one or other of the following Wallasey hotels may appeal to those who would like a sail night and morning:—

	Accommodation for	Bed and Breakfast
Seacombe Ferry Hotel—20 minutes by ferry and tram from Adelphi	40	9s. and 9s. 6d.
Victoria Hotel, New Brighton Promenade	40	9s.
Albion Hotel, New Brighton Promenade	8	7s. 6d.

Those who travel by G.W.R. or S.R. through train will arrive at Woodside, Birkenhead, and can either cross the Mersey by the ferry, the pier for which adjoins the station—with trams to all parts from the Liverpool side—or change on to the Mersey Railway at Rock Ferry, the stop before Woodside, for Central Station, Liverpool. There are also a number of motor-coach services to Liverpool, and those who would like to consider a sea route should consult Coast Lines, Ltd.

For those who travel by road, the "A.A." has very kindly offered to supply routes, even to non-members of the Association, on application to the local secretary. As so many holiday-makers who go cruising from Liverpool garage their cars while away, all those requiring accommodation for their cars should book early or enlist the aid of our housing committee. "A.A." B.P.C. windscreen labels are obtainable on application, and should be used on windscreens and rear windows by all members using their own cars, in order to facilitate parking, etc. The entertainment committee will gladly suggest routes, with places of interest on the way, and indicate what's on and where to go for those who spend the week-end before or after the Conference in the district.

For the golfers there is the Royal Liverpool Golf Club at Hoylake, for which a limited number of invitations may be available, and such famous courses as Formby, Birkdale, Southport and Ainsdale, Hesketh and Wallasey, to mention a few, are within easy reach. . . .

There are steamer trips to the Isle of Man and the Menai Straits, and for visitors to Merseyside for the first time a trip on the Birkenhead or Wallasey ferries to Rock Ferry, past the famous Cammell Laird & Co.'s shipbuilding yard, or to New Brighton, will provide a thrill or, at least, a good idea of what the Mersey means. Liverpool can boast the first overhead railway in the world. The Prince's and St. George's landing stages are the largest things afloat.

For the lovers of the arts and crafts, there are the famous Walker Collection in Liverpool and the adjoining Museum, and also the wonderful Lady Lever Collection at Port Sunlight, all of which are open on Saturday and Sunday afternoons. We could go on, but it will suffice to say that there is something of interest to everyone on and around Merseyside.

A special, but necessarily limited, service of private buses labelled "B.P.C." will be run between the Adelphi and the Town Hall and the St. George's Hall and the University for the convenience of Conference visitors, but all the distances are short for those who prefer to walk.

All the coaches for the Llandudno excursion will be labelled with the name of the hotel at which lunch and tea will be served, and during the afternoon special runabouts will be at our disposal for those who wish to make a circuit of the Great Orm, from which magnificent views of Anglesey, Snowdonia and the North Wales coast may be obtained. There is a convenient tramway to the summit of the Great Orme, on the top of which there is a golf course as well as a hotel. For those who want to saunter about Llandudno on the Friday, there is the Happy Valley, the Haulfre Gardens and the Deganwy shore, where "Alice in Wonderland" was created. The more energetic can visit Conway Castle and the oldest house in Wales.

The exact routes to be followed by the excursion will be detailed in due course, but our chairman will remind us that the British Pharmaceutical Conference is a learned body called for serious and important discussions, so we must not tempt you too much with other things. Nevertheless we do urge you to come to Liverpool and help to make the seventy-fourth meeting worthy of its founders and scientific origin, a credit to the Society and a complete success from every standpoint in this Coronation year of 1937.—Yours faithfully,

H. HUMPHREYS JONES,
Chairman, Local Executive;
WM. E. HUMPHREYS,
Local Secretary.

General Medical Council

THE hundred and forty-fifth session of the General Medical Council opened at 44 Hallam Street, London, W.1, on May 25, the president (Sir Norman Walker) in the chair. The roll call and the introduction of a new member was followed by the

CHAIRMAN'S ADDRESS,

which began with the usual references to members of the Council, past and present. The greater part of the address was occupied with the subject of medical education. Sir Norman Walker said:—

The report which will call for the fullest consideration is that of the Education Committee, who have been dealing with the concluding stages of the revision of the curriculum initiated in 1934. The Curriculum Committee elected Dr. Tidy as their chairman, and commenced work at once, reporting progress to the Council in November 1934, and making interim reports in May and November 1935.

Admission to the Register was easy in 1858, but in process of time, by general agreement among the bodies, the minimum curriculum was fixed at three winter and two summer sessions. Then came four years, and in 1890 the Council unanimously approved an extension to five years, afterwards modified to fifty-seven months, mainly because university "years" were usually of nine months.

On no previous occasion have the proposals of the Council been more thoroughly hammered out on the anvil of discussion, and a large measure of agreement has apparently been reached. Thus with certain reservations there seems to be approval of the age of eighteen for registration of students.

The question of biology, chemistry, and physics has always been a problem, and I remind the Council that it was only in 1893 that the Council ordained that the first and last of these subjects must be contained in the medical curriculum. Chemistry was defined then as "including the principles of the science, and the details which bear on the study of medicine." In 1893 in most parts of the country the teaching of chemistry and physics in schools was of an elementary character, and biology only appeared in the curriculum of one or two of them. Times have changed, and the chemistry and physics taught in the majority of schools is of high standard, even if it does not include any "details which bear on the study of medicine." These must, of course, be learned in medical schools. The teaching of biology of a sufficient standard has not advanced so far as that of the other two subjects: schools capable of undertaking it are not uniformly scattered over the British Isles, and there is a feeling in some quarters that the minds of some young people are perhaps too much devoted to the study of those three subjects to the detriment of their general education.

Here we are helped by the elasticity of our system. If we agree, in order to furnish the requisite knowledge and skill for the efficient practice of medicine, that the medical curriculum proper requires to be extended to five years, the licensing bodies (all represented here) will frame their regulations accordingly. Already Birmingham, Bristol, Liverpool, Manchester, Oxford, Wales, and University College, Galway, require six years, Cambridge, Leeds, London, and Sheffield five and a half, and it is common knowledge that others have in contemplation an extension of their curricula. This is the way in which medical education in this country progresses. The Council prescribe a minimum below which no body which wishes to retain its right of admission to the Register may drop, but has nothing but a "Well done" for those bodies which raise the standards for admission to their own degrees.

Finally, I may note that the chairman of the Finance Committee, in presenting to you the Committee's report on the annual accounts for 1936, will have the satisfaction of stating that there was a surplus of income over expenditure for that year of more than £2,500.

DENTAL BUSINESS

After consideration of reports from the Dental Board, it was directed that the names of the following persons be erased from the Dentists Register:—William Laird, Gray's Hill, Bangor, co. Down; James Sharples Hopwood, Flixton Road, Urmston; Albert Edward Lloyd, North Drive, Cleveleys, Blackpool; John Kennedy Scotland, Millbrae Crescent, Longside, Glasgow; Edwin Spencer Tebbutt, Finsbury Square, London, E.C.2.

The president announced that the registrar of the Dental Board had been directed to restore to the Dentists Register the name of Thomas Ross Graham.

On the recommendation of the Dental Education and Examination Committee, the following were registered as foreign dentists:—Althof, Walter; Giballe, Rudolf; Gollop, Max; Heilborn, Rudolf; Kaplan, Paul; Lazarus, Alfred; Picard-Gerson, Frieda; Rosenberg, Ernst; Roser, Johannes; Schwartz, Johann; Seegall, Rudolf; Wahle, Johannes; Weissberg, Benno.

REGISTRATION ITEMS

The names of the following persons have been restored to the Medical Register, from which they had been erased under Section 14 of the Medical Act, 1858:—

Boddington, Charles B. (Col.)
Butterfield, George R. (Col.)
Mayer, Ernest.

DISCIPLINARY CASES

The cases of the following medical men ended with the retention of their names on the Register:—Dr. William Mervyn Crofton, Park Square, London, N.W.1; Mr. William Douglas, M.B., Goldhawk Road, W.12; Mr. David Davidson Watson, M.B., King Street, Wakefield; Mr. Joseph Shibko, L.M.S.S.A., Prince of Wales Road, Swansea; Mr. Bardwell Ebden Tenison Mosse, M.R.C.S., L.R.C.P., King Street, King's Lynn; Mr. Alfred Edward Vawser, L.M.S.S.A., Redcot, March; Mr. Hugh McNicholl, M.B., London Road, King's Lynn; Mr. Albert Rudolf Rellum, L.R.C.P.Edin., etc., Dockhead, Bermondsey, S.E.1.

Judgment was postponed for six or twelve months in the cases of the following, with the usual requirement as to testimony:—Mr. Walter Campbell, L.R.C.P. Edin., etc., Jeffrey Street, Edinburgh; Mr. Ernest Stanley O'Sullivan, L.R.C.P. Ire., etc., Dunowen Gardens, Cliftonville, Belfast; Mr. David William Jones, M.R.C.S., L.R.C.P., 12A Longridge Road, S.W.5; Mr. William Dale Lawton, L.R.C.P. Edin., etc., Princes Road, Moss Side, Manchester.

It was directed that the names of the following be erased from the Medical Register:—Dr. Douglas Chetham Pim, Brecon Road, Abergavenny; Mr. Bakhtawar Singh Jain, L.R.C.P. Edin., etc., Selly Oak, Birmingham.

PHARMACOPŒIA COMMITTEE

The Report of the Pharmacopœia Committee contained the following passages:—

Since the date of the last report eight meetings of the British Pharmacopœia Commission have been held. The principal concern of the Commission has been the scope of the next Pharmacopœia. With the assistance of the Clinical Committee and the Pharmacology Committee, the Commission have reviewed the monographs of the present Pharmacopœia, and have made a survey of drugs which have been recently introduced, or which are attaining increased use in therapeutics. A list has been compiled of those drugs of the British Pharmacopœia, 1932, which, by reason of decreased use or doubtful therapeutic value, may be regarded as no longer sufficiently important to be retained in the Pharmacopœia. A list has also been compiled of those newer drugs which appear to be of sufficient value to require their inclusion and definition in the Pharmacopœia.

In preparing these lists, the general principles adopted in the selection of material for the British Pharmacopœia, 1932, have been followed. In dealing with suggestions received from various sources for the inclusion of new drugs, the Commission have had regard to the decisions taken in 1934 concerning the inclusion of protected substances in the Pharmacopœia. Many of the newer drugs which have been suggested for inclusion by clinicians are the subject of patent rights. The lists of proposed omissions and additions have been sent to appropriate Government departments and medical bodies, to the Governments of India and of the Dominions, to the Committees on Pharmacopœia Revision in India and in the Dominions, and to officers of the Colonial Medical Service, with requests for criticism and suggestions.

Correspondence and interchange of information with the United States Pharmacopœia Committee of Revision have continued. It is hoped that a collaborative study of the method of assay of digitalis will be arranged.

Western Pharmacists' Association

THE result of a students' competition, the first promoted by the West London Branch of the Pharmaceutical Society, has just been issued. The questions set were as follows:—

Students' Prize Competition

(1) Name the various Acts of Parliament which affect the retail business of a pharmacist (with brief notes on each Act).

(2) What are the principal labelling requirements of the Pharmacy and Poisons Act, 1933, and Poisons Rules, 1935?

(3) Describe briefly the principle and object of sterilisation in pharmaceutical practice—giving one example.

(4) State shortly what you know about the chemical character and physiological and therapeutic properties of vitamins—mention the various known kinds that are of importance and give the natural sources of each vitamin.

(5) What set of account books should be used to ensure a proper system of book-keeping in a pharmacy in which a cash and credit business is conducted? Give a brief description of each book.

(6) Write an essay (about 1,500 words) on one of the following subjects:—(i) My plan of study for the Qualifying examination; (ii) the essentials of good salesmanship; (iii) a typical day of my life in a pharmacy.

The report of the adjudication contains the following passages:—

(*a*) General Report of Adjudication.

With one or two exceptions all the competitors have made a presentable show. This is indicated by the fact that the general average of marks for questions is 55 per cent. and for the essay 52.68 per cent., or just about the pass number for most examinations. All the competitors attempted all the questions. . . .

(*b*) Award.

According to the marks awarded the first prize goes to the competitor using the pseudonym "Paulatim Ergo Certe," and the second prize to the competitor using the pseudonym "Pills."

The prize-winners are:—

1st Prize, £5 5s.	"Paulatim Ergo Certe"	Mr. I. Michaels
2nd Prize, £3 3s.	"Pills"	Mr. I. Simons

Supplementary prizes are awarded to:—

3rd Prize, "Chow"	Miss Muriel Cunnington
4th Prize, "Ignotum per Ignotius"	Miss Edna Crowe
5th Prize, "Strophanthus" ...	Mr. R. C. Swanton
6th Prize, "Progress"	Mr. A. C. Fowler

The Council's prize (of a British Pharmaceutical Codex)—presented to the successful student-associate—awarded to Mr. I. Michaels.

Annual Meeting

The joint annual meeting of the Western Pharmacists' Association and West London Branch of the Pharmaceutical Society was held at Stewart's Restaurant, 50 Old Bond Street, W.1, on May 26. Prior to the meeting light refreshments were served. The president of the Association (Mr. P. D. Goodwin) was in the chair, and extended a welcome to the members, of whom there was a good attendance. The secretaries' report was submitted by Messrs. Clifford Evans and W. T. Pratt; in a comprehensive review of the past session they showed that both the Association and Branch had been very active, having held more meetings than for many years previously. They claimed that the Association was as virile and active now as it had ever been. The treasurer (Mr. W. E. D. Shirtliff) submitted the accounts, which showed very satisfactory balances. The sum of £10 10s. was voted from the Association funds to the Benevolent Fund of the Society. Messrs. P. D. Goodwin, D. T. Jones, G. Thomas, C. A. Noble and Miss Dennis Hayes were appointed Branch representatives to the Liverpool Conference. There were no nominations for election to the committee, and the four retiring members, Messrs. G. W. Evans, W. T. Pratt, W. E. D. Shirtliff and P. S. Windwood were declared re-elected. Messrs. Lownsbrough and Wilkinson were re-elected auditors and thanked for their services. The new Branch rules as approved by the Council of the Society were adopted. The Branch students' prize competition adjudication was announced, and prizes were presented to the successful students at the meeting. The Bonner cup for shooting was presented to Mr. J. R. Pritchard. A vote of thanks to the officers was proposed by Mr. Tarry and seconded by Mr. Badgett. A vote of thanks to the president was proposed by Mr. C. A. Noble and seconded by Mr. G. W. Evans.

Visit to Works

Members of the Western Pharmacists' Association spent an enjoyable afternoon on June 3, when they visited the factories of Allen & Hanburys, Ltd., at Ware. About seventy members met at Baker Street Station at 2 p.m., and were conveyed to Ware in motor coaches generously provided by the company. Upon arrival at the factory the party was divided into small groups and conducted through the various departments. Much interest was shown in the processes whereby cow's milk

At the Allenburys Works, Ware

is treated to produce Allenbury's No. 1 and No. 2 foods. On the conclusion of the works tour tea was served in the Pavilion. Mr. Goodwin (president) proposed a vote of thanks to Messrs. Allen & Hanburys for their hospitality, which was seconded by Mr. J. C. Berry and supported by Mr. C. A. Noble. Mr. Nelson replied on behalf of Messrs. Allen & Hanburys, and reminded the visitors that the company was a staunch supporter of the Chemists' Friends scheme. Mr. G. W. Evans proposed, and Mr. D. R. Evans seconded, a vote of thanks to the staff who had co-operated so ably to make the visit a success. Mr. Maplethorpe (works manager at Ware) briefly replied. The remainder of the evening was spent on a "mystery" coach tour.

New gentians.—The greater part (pp. 125-191) of the current Kew "Bulletin of Miscellaneous Information" is devoted to brief descriptions of species, subspecies and varieties of gentian, several of which are new, in China, Southern Tibet, North-East Burma and Bhutan.

Sixtieth anniversary.—In celebration of the sixtieth anniversary of its foundation, which takes place on June 13, the British Xylonite Co., Ltd., Hale End, London, E.4, is publishing a booklet giving an outline of its history. The company was formed in 1877. In 1879 it amalgamated with the Homerton Manufacturing Co., then managed by Mr. L. P. Merriam, grandfather of the present chairman. Brantham New Village, a housing estate close to the company's Brantham works, which is the only factory in the British Empire for the manufacture of celluloid, was an early and successful essay in planning industrial housing estates. Besides celluloid, the company now produces synthetic plastic materials, synthetic camphor and photographic film.

Scottish Pharmaceutical Federation

A MEETING of the Executive Council of the Scottish Pharmaceutical Federation was held in Edinburgh recently, Mr. P. M. Duff (president) in the chair. Ten applications for membership were passed.

TEST PRESCRIPTION CASE

It was reported that in a test prescription case there was an excess of ferri et ammon. cit., the official analyst's report being confirmed by that of the Federation's analysts. The member was advised as to the course he should adopt, and was eventually fined £1.

INDEMNITY CLAIMS

Two indemnity claims were reported, but were presumed to have been dropped.

P.A.T.A. CONDITIONS OF SALE

A member's complaint regarding a co-operative society granting dividend slips on sales of P.A.T.A. goods had been received. It was reported that the co-operative society concerned had now been removed from the White List.

SHOPS (HOURS OF CLOSING) ACT, 1928

A charge against a member under the Shops (Hours of Closing) Act, 1928, for selling shaving soap at or about 8.30 p.m., was considered. The member was defended by the Federation's solicitors, and the fine was 10s.

DAMAGE TO WINDOW

A member's claim against a company in respect of damage done to his window shade by one of the company's motor vans was reported. The claim was settled by the member receiving £2 5s. in payment of the cost of repairs.

BRANDED BOTTLES

A letter from R. Paterson & Sons, Ltd., was read to the effect that on several occasions their empty Camp coffee bottles have been returned to them with chemists' labels pasted over their labels, the labels showing that the bottles had been refilled with various liquids ; usually the greater part of the label was left, and in one or two cases the whole label, and that the original screw cap was usually retained. The letter asked the Federation to request chemists to refrain from refilling Camp coffee bottles without first removing the labels completely and also obliterating the name "Camp" from the screw caps.

CONDITIONS IN THE DISTRIBUTIVE TRADES

Correspondence was read regarding the Ministry of Labour's inquiry into the wages, hours and conditions in the distributive trades in Scotland, and reports were given of meetings of the Scottish Employers' Consultative Committee and of the Scottish Distributive Traders' Co-ordinated Committee.

SUGGESTED C.F. SCHEME

It was decided to leave over until the autumn the holding of meetings of the trade concerning a possible Chemists' Friends scheme for Scotland with a view to having the draft scheme thoroughly discussed.

SELECT COMMITTEE ON MEDICINE STAMP DUTIES

Minutes of meetings of the Federation's Parliamentary and Law Committee held on various dates were submitted, and the president reported on the steps taken by the Federation, in conjunction with other pharmaceutical organisations, in connexion with the report of the Select Committee on Medicine Stamp Duties.

METHYLATED SPIRITS (SCOTLAND) BILL

A report was given of what the Federation's Parliamentary and Law Committee had done in connexion with this matter, which included a letter to all members of Parliament for Scotland, certain members of Parliament for England and others, enclosing a memorandum giving the Federation's reasons why the Bill should be rejected, while it was also mentioned that the Committee had arranged to circularise all members of Parliament for Scotland, England and Wales asking them to oppose the Bill, but that this had not been done as the Bill had unexpectedly received its third reading in the House of Commons. It was also reported that the Bill was to receive its second reading in the House of Lords, and that the president of the Federation had consented to the secretary of the Pharmaceutical Society approaching Government departments concerned and certain peers with regard to amendments being introduced to render it unnecessary for authorised sellers of poisons (*a*) to be listed with local authorities for the sale of methylated spirits and (*b*) to make an entry in the methylated spirits register in respect of the sale of methylated spirits on prescription.

FINANCE

The accounts for the year ended April 30, 1937, which showed a substantial surplus, were approved, subject to audit.

Analyst's Report

DURING the first quarter of 1937, the Birmingham Analytical Department examined 1,465 samples (43 formal and 1,422 informal). Of these, seven of ten informal samples of of vinegar ; one of five informal and one formal samples of malt vinegar were found incorrect in the foods classification. In the drugs section one informal sample of Glauber's salt out of six ; one of paregoric out of seven ; one of compound bismuth tablets out of six ; two of soda mint tablets and one out of two of bicarbonate of soda tablets were found incorrect. The following are the principal passages in the report:—

GLAUBER'S SALT.—A sample of Glauber's salt purchased at a drysalter's consisted of Epsom salts. The firm's secretary explained that supplies of both Epsom and Glauber's salts came from the same firm in kegs of the same size, the name being marked only on the top. Once the label was removed there would be a possibility of a mistake happening. In future they proposed to keep the stocks of the two salts entirely separate and to have each keg clearly marked on the side as well as the top. A caution was given.

PAREGORIC.—A sample of Paregoric, which should contain 0.05 per cent. of morphine, 0.5 per cent. of benzoic acid, together with small percentages of camphor and oil of anise, was devoid of any of these ingredients, but there was a substantial amount of glycerin. Although the sample was too small to make confirmatory tests, it was suspected that the preparation consisted of tincture of ipecacuanha. The vendor explained that the article had been sold by his daughter, who had in error supplied tincture of ipecacuanha. He was cautioned.

COMPOUND BISMUTH LOZENGES.—In response to a demand for Compound Bismuth Lozenges (a B.P. description) heart-shaped tablets were supplied which were seriously deficient in bismuth carbonate, magnesium carbonate and calcium carbonate. The vendor stated that he kept stocks of these tablets and of the official lozenges, and apologised for having supplied the former in error. These were asked for by customers as "heartshape bismuth tablets."

SODA-MINT TABLETS.—A sample of Soda-Mint Tablets contained the correct weight of sodium carbonate but no ammonium bicarbonate. A second sample, bought from the same shop a month later, was found to be of the correct B.P.C. quality. Another sample was also correct in respect of the sodium bicarbonate, but again the ammonium salt was absent. A second sample was bought later and this was of the same composition. The firm concerned stated that they only supplied the B.P.C. article when this was specially asked for. It was pointed out that since the name "soda-mint" is a synonym for the official tablet, a customer asking for this article is in fact demanding to be supplied with the B.P.C. tablet. It was finally agreed that the Codex article would be supplied in all cases.

VINEGAR.—Seven samples of vinegar consisted of artificial vinegar. In each case the sampling officer concerned visited the shop and explained the difference between the two articles and the conditions under which they should be sold.

Trade Notes

SLIMMING BY USE OF HERBS.—Illustrated herewith is the package of Redux reducing herb tea which is prepared by Promedico Products, Ltd., 22 Turle Road, London, N.4. As a special introductory offer until June 20, fourteen packets to the dozen will be sent to all chemists ordering three dozen packets and over. Ample display matter is available, and a Redux window is shown elsewhere in this issue. Redux slimming foam bath is also prepared by this company.

NEW VITAMIN PRODUCT.—Macandrews & Forbes, Ltd., inform us that they will shortly be introducing a new vitamin A and D concentrate, details of which are given in a booklet they have received from the manufacturers, Collet & Co., A/S, Oslo. This new vitamin concentrate is described as Covitol, and copies of the booklet will be sent on application to the agents for the United Kingdom: Macandrews & Forbes, Ltd., Bush House, Aldwych, London, W.C.2.

NEW PHOTOGRAPHIC PRODUCT.—Johnson & Sons, Manufacturing Chemists, Ltd., Hendon Way, Hendon, London, N.W.4, have sent us a specimen bottle of the new film anti-scratch solution. Films immersed in a dilute solution of this substance are rendered almost impervious to surface scratchings. The dilute solution may be used repeatedly; it is also economical in this direction as well as in regard to preventing spoiled negatives.

A SILENT SALESMAN is offered free with a stock order for Bell's pet remedies. This salesman is made of metal with aluminium finish and concurrently with a special offer a national advertising campaign is being launched with Bell's compound condition dog powders. Full details were given in last week's *C. & D.* Orders may be sent through the usual wholesaler or direct to Bell & Sons, Ltd., Silverdale Works, Liverpool 13.

ELASTIC ADHESIVE PLASTER.—Johnson & Johnson (Great Britain), Ltd., Slough, Bucks., have recently introduced Elastikon elastic adhesive plaster. It is expanding and flexible, adjusting itself to the movements of joints. It is especially suggested for finger joints, knees, etc. Although extra adhesive, Elastikon is said to be more easily and less painfully removed from the skin than other plasters. Details of the sizes and plasters are given elsewhere in this issue.

TURKNIT FACE CLOTHS made by The Putnam Knitting Co., 9 Margaret Street, London, W.1, are described as the only face cloths knitted on patent machines. They are delightfully soft to use and are exceptionally absorbent, yet they rinse easily and have quick-drying properties. They are available in several colours and sizes.

MOTHS are now in season and Mothaks which are made by Thompson & Capper Wholesale, Ltd., Manesty Buildings, 5 College Lane, Liverpool, 1, are in special demand from chemists. Mothaks are advertised nationally in the important daily and weekly newspapers. A new and attractive showcard is now available for display purposes and will be sent free on application.

BEACH SUN-TAN LOTION.—Illustrated on this page is a copy of a new display showcard and stand issued by The British Drug Houses, Ltd., Graham Street, City Road, London, N.1, to promote sales of their popular Beach sun tan lotion which is issued in two sizes. Beach lotion is free from oil and dries at once. Besides helping to encourage an even tan it relieves sunburn. Specimens of the card may be obtained on application.

PLASTICS.—The phenomenal growth of the use of plastic materials which is from time to time indicated in THE CHEMIST AND DRUGGIST is fully exemplified in a new monthly publication just issued with the name "Plastics." This first issue is published and printed by the proprietors Temple Press, Ltd., 5 to 17 Rosebery Avenue, London, E.C.1. It is profusely illustrated in half-tone, and there are also excellent examples of colour work. Notes of appreciation appear from Lord Hirst, Federation of British Industries, and from Sir Geoffrey Clarke, The Association of British Chambers of Commerce.

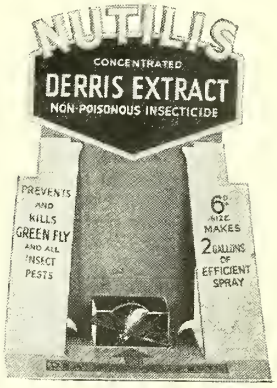
BUTY-TONE DISTRIBUTION.—Owing to expansion of business, Beauty Proprietaries, Ltd., Eagle House, Jermyn Street, London, S.W.1, have appointed Alfred Franks & Co., Ltd., 36-37 Hatton Garden, London, E.C.1, in association with Bartlett Distributing Co., Ltd., the distributors of Buty-Tone preparations from this date.

NEW DENTURE CLEANSER.—F. C. Calvert & Co., Ltd., Gibbon Street, Manchester, 11, direct attention to a new denture cleanser which is offered in two sizes, and extra discount is given on parcels which include other Calvert products. This product is described as Dento Phenolene and is stated to kill bacteria which are the cause of much pain among denture wearers.

UNUSUAL OFFER TO YOUNG PHARMACISTS.—Morse Sales Co., 211-215 Blackfriars Road, London, S.E.1, are advertising for a young pharmacist with a flair for advertising and who will be offered a year's training in America. Full details are given elsewhere in this issue.

MILTON DENTURE POWDER.—A special introductory offer which was due for closing on May 31 has been continued until June 30 by the manufacturers: Milton Proprietary Ltd., John Milton House, 10-12 Brewery Road, London, N.7. Forceful propaganda work is being undertaken in the national and provincial publications. Details of the bonus offer are given in our advertisement pages.

A DISPLAY STAND illustrated on this page is now obtainable by chemists who are featuring Nutilis concentrated derris extract which is made by Nutilis Products, Ltd., Victoria Works, Victoria Road, Kingston-on-Thames.



EBE FOAMING BATH POWDER.—An announcement was made in last week's *C. & D.* relating to the introduction of a new Ebe product. This consists of a foaming bath powder attractively packaged with a transparent window to show the colour, there being a range of seven. The Ebe foaming bath powder, which is agreeably perfumed, is backed by international advertising and may be obtained from all wholesalers. The product is made by Ebe, Ltd., 11 Diana Place, London, N.W.1.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary and Year-Book," 1937, p. 338.

(From "The Trade Marks Journal," May 19, 1937.)

"TU-FON"; for medicinal chemicals (3); for surgical instruments (11). By Lingner-Werke Vertriebs, Gesellschaft mit Beschrankter Haftung, 2-4 Nossener Strasse, Dresden. 574,502-503. (Associated.)

"CITON"; for medicinal chemicals, excluding vaccines (3). By R. Hindley, 236 Corn Exchange Buildings, Manchester. 574,545.

"CASIOMAG"; for medicinal chemicals (3). By Boots Pure Drug Co., Ltd., 37 Station Street, Nottingham. 574,687.

"ALOSA"; for medicinal chemicals (3). By H. P. Bloom, 90 Avenue Road, London, N.W.3. 574,933.

Drawing of fern "REDFERN"; for medicinal chemicals for nervous and stomachic ailments, etc. (3). By N. Zam, 42 Sevington Road, Hendon, London, N.W.4. 575,258.

"NAEMIN"; for medicinal chemicals (3). By T. Kerfoot & Co., Ltd., Bardsley Vale Mills, Bardsley, Lancashire. 575,417.

"FEEVS"; for medicinal chemicals, excluding soap (3). By R. G. Davies, 21 George Street, Pontypool, Monmouthshire. 575,605.

"NEUTROCAIN"; for anæsthetics (3). By Wands, Ltd., Wandol House, Wellington Street, Leicester. 576,040.

"ADJUVOL"; for medicinal chemicals (3). By Hough, Hoseason & Co., Ltd., Sun Buildings, Bridge Street, Manchester. 576,511.

"CO-LURA"; for liquid preparations for the hair (48). By C. Nestlé & Co., Ltd., Holloway Road, London, N.7. 572,085.

"SHAMPOL"; for perfumery, etc. (48). By Bowmans (Warrington), Ltd., Moss Bank Works, Gorsey Lane, Widnes, Lancashire. 575,131.

(From "The Trade Marks Journal," May 26, 1937.)

"HAMILOID"; for photographic chemicals, etc. (1). By A. H. Hamilton & Co., Ltd., 27 Bardowie Street, Possilpark, Glasgow. 576,223.

"DALMA"; for insecticides (2). By Wilkinson & Simpson, Ltd., Low Friar Street, Newcastle-upon-Tyne, 1. 573,302.

"QUIXILIN"; for germicides, disinfectants, etc. (2). By Pierson, Morrell & Co., Ltd., Queens Road, Barnet. 575,428.

"SIERELPOST"; for lawn fertilisers (2). By W. T. Scales & Sons, Ltd., Cleveland Works, Lansdowne Road, Birkenhead. 575,888.

"YOMAN"; for animal medicine (2). By Yeoman Service, Ltd., Felton, Northumberland. 576,128.

"CHRYSOVIS"; for veterinary chemicals, etc. (2). By Etablissements A. Chiris, S.A., 5 Avenue Victor-Emmanuel III, Paris. 576,742.

"MINOVER"; for veterinary chemicals (2). By C. C. Minchin and R. A. Over, 664 Oxford Road, Reading. 576,786.

Diagram and words "NU BREATH"; for medicated preparations for the breath (3). By Frankland Products, Ltd., 112 Fenchurch Street, London, E.C.4. 573,599.

"VAKATABS"; for medicated laxative tablets (3). By The Anatabs Co., 1 Woodside Parade, Gap Road, Wimbledon, London, S.W.19. 573,832.

"ADOZO"; for medicinal asthma tablets (3). By International Laboratories, Ltd., 30-42 Smedley Street, London, S.W.8. 575,161.

"AMPHIOJEL"; for medicinal chemicals (3). By J. Wyeth & Brother, Ltd., Oldhill Street, London, N.16. 576,515.

"CREO-PINE"; for medicated pastilles containing pine extract (3). By Potter & Clarke, Ltd., Artillery Lane, London, E.1. 576,549.

"IMONE"; for medicinal chemicals (3). By P. Baxter, 6A Tudor Street, London, E.C.4. 568,115.

"WELLAPON"; for perfumery, etc. (48). By Franz-Stroher A.-G., Rothenkirchen in Vogtland, Germany. 575,916.

"ESCORT"; for perfumery, etc. (48). By Manex, Ltd., Rowanhurst, Moss Lane, Ashton-on-Mersey, Cheshire. 576,478.

(From "The Trade Marks Journal," June 2, 1937.)

"GRIESODYN"; for all goods (1). By I. G. Farbenindustrie A.-G., Grüneburgplatz, Frankfurt-on-the-Main, 20. 576,354.

"LIGNOMUR"; for photographic chemicals (1). By The Wall Paper Manufacturers, Ltd., 125 High Holborn, London, W.C.1. 576,509.

"ALLICO"; for photographic chemicals (1). By Burrell & Co., Ltd., Burrell's Wharf, Millwall, London, E.14. 577,058. (Associated.)

Personalities

MR. W. CRUMBLEHULME, M.P.S., Bolton, has been elected a member of the Town Council.

MR. J. W. HUDDART, M.P.S., Blackpool has been elected president of the local Rotary Club.

MR. JOSEPH DE CARLE SMITH, M.P.S., Norwich, has been elected president of the local Rotary Club.

MR. R. A. C. SINGLETON, M.P.S., Hawkhurst, Kent, has been appointed chairman of the local traders' association.

MR. C. H. BILL has been appointed sales manager of Max Factor, Hollywood & London (Sales), Ltd., London, W.1.

MR. B. WEBSTER, chemist and druggist, has removed to Moray House, 57 Kensington Gardens Square, London, W.2.

MR. W. GARDENER WILLIAMS has been appointed sales manager of W. J. Bush & Co., Ltd., Hackney, London, E.8, for the development of their perfumery products department.

MR. J. W. WOOD, M.P.S., the newly elected president of the Manchester Pharmaceutical Association, is the proprietor of a successful business in Deansgate. He served his apprenticeship with the late Mr. J. W. Ardern, Ashton-under-Lyne, and gained further experience as an assistant with Walker & Harris, chemists, Ashford, Kent, and Mr. P. Davidson, Brondesbury. Following a break during the war, when he served with the Royal Engineers, Mr. Wood passed the Qualifying examination in 1921. After obtaining further experience as a manager he acquired his present business in 1924. In 1935 he was elected vice-president of the Manchester Pharmaceutical Association; he has also occupied the post of librarian for a considerable period.

MR. J. W. WOOD

LORD LEVERHULME, a former Pro-Chancellor, was awarded the honorary LL.D. degree of the University of Liverpool on June 4.

MR. RATILAL P. PATEL, who has recently taken his Ph.D. degree in pharmacology in London University, has rejoined the staff of the Alembic Chemical Works Company, Baroda, India.

MR. ERNEST J. BURROUGH, director of James Burrough, Ltd., Cale Distillery, Lambeth, London, S.W.1, has returned from his tour through India, Australia, New Zealand and Panama. He reports that business is good in all parts.

MR. W. M. DELF, proprietor of W. M. Delf & Co., Delco Works, Liverpool, soap and disinfectant manufacturers, who has been connected with the wholesale drug trade for the past thirty years, has been elected president of the Birkenhead Free Church Council. In addition to being vice-president of the Birkenhead Liberal Association and of the Birkenhead League of Young Liberals, he is P.P.G.A.D.C. of the Province of Cheshire and also an active member of the Liverpool Rotary Club.

MR. A. E. LINLEY, chemist and druggist, who has been elected president of the Cape Province Pharmaceutical Society, received his early training in this country prior to going out to South Africa. He was apprenticed to Mr. T. E. Batty, chemist and druggist, York, and after further experience in Bath and London passed the Minor examination in 1894. Shortly afterwards he joined the staff of P. J. Petersen & Co., Capetown. In 1898 Mr. Linley commenced business on his own account at Simonstown. Later he was in business in Caledon, and since 1918 has been in Mowbray.

Births

Notices for insertion in this column must be properly authenticated.

BROWN.—At Roefield, Felden, Hemel Hempstead, Herts, on June 6, Mary, wife of D. Rainy Brown (J. F. Macfarlan & Co., Edinburgh and London), of a son.

CLITHEROW.—On June 5, wife of Richard Clitherow, M.P.S., Heathfield Road, Liverpool, of a son.

DAY.—At Montclare Nursing Home, Keighley, on June 6, Ruth, the wife of Arthur Day, M.P.S. (Fowlds, chemist), Ingrow Bridge, Keighley, of a son.

Marriages

BAKER—EDWARDS.—At St. Thomas's Church, Norwich, on May 30, Alan William Baker, M.P.S., to Gertrude L. Edwards.

CRUICKSHANK—MONTGOMERY.—At Glasgow, on June 4, Adam Cruickshank, M.P.S., to Muriel F. Montgomery.

DIXON—EVANS.—At Holy Trinity Church, Halifax, on June 1, Kenneth Gibson Dixon, M.P.S., son of Mr. Gibson Dixon, M.P.S., Old Market, to Doris Evans.

DUXBURY—BARDSLEY.—At All Saints' Church, Blackpool, on May 25, Thomas Dean Duxbury, chemist and druggist, to Helena Kathleen Bardsley.

FURNISS—UNWIN.—At Christ Church, Bebington, Cheshire, on June 1, Ralph A. Furniss, M.D., eldest son of Mr. A. S. Furniss, M.P.S., Liverpool, to Kathleen M. Unwin.

HENRY—FAIRLEY.—At the Ballywillan Presbyterian Church, Portrush, recently, William Lamont Henry, Ph.C., to Helen E. Fairley.

MOORE—DAWSON-TAYLOR.—At St. Margaret's Church, Birmingham, on June 7, Frank Moore, M.P.S., to Doreen Dawson-Taylor.

ORCHARD-LISLE—JONES.—At St. John's Parish Church, Wembley, on June 5, by the Vicar, the Rev. J. W. P. Silvester, M.A., Mervyn G. Orchard-Lisle to Phyllis Eileen Yvonne, daughter of Mr. David T. Jones, M.P.S., Brewer Street, Golden Square, London, W.1.

PARKER—USHER.—At St. James's Church, Silsden, Keighley, on June 1, John Norman Parker, M.P.S., to Nora Usher.

RITCHIE—BROWN.—At St. Ninian's Church, Turriff, on June 2, Andrew Wemyss Ritchie, M.P.S., Montrose, to Ann Cumming Cruickshank, elder daughter of Mr. William Brown, Turriff.

VICKERS.—RIDLEY.—At the Central Methodist Church, Spennymoor, co. Durham, on May 24, Fred Vickers, M.P.S., to Mabel Henderson Ridley.

WILDE—PARKER.—At Loughborough, on May 17, Leonard M. Wilde, M.P.S., to Lucy Ann Parker.

WILLIAMS—MARTIN.—At the Church of St. Saviour, Denmark Park, Peckham, London, S.E.15, on June 9, David J. Williams, M.P.S., F.S.M.C., Sheerness, to Lilian B. Martin, Peckham.

Deaths

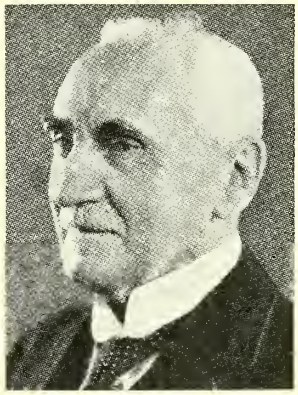
BOWLAS.—On May 29, Mr. David Bowlas, M.P.S., 14 Falkner Square, Liverpool, 8, aged sixty-six. Mr. Bowlas was for over thirty-seven years representative of Meggeson & Co., Ltd., London, S.E.16. During the greater portion of this time he covered Scotland and the Northern Counties. He was one of the best-known of the old type of representatives, and the visit of "David" (as he was affectionately known to his old customers) was always one of the events of the year. Failing health had caused his retirement about a year ago, and he was not long spared to enjoy the leisure for which his firm had made suitable provision. At the funeral on June 1 at the Allerton Cemetery, Liverpool, the House of Meggeson was represented by Mr. D. D. Fenton, M.P.S., the company's representative for Lancashire and Cheshire.

EVANS.—Recently, Mr. William Ellis Evans, chemist and druggist, Corwen, aged fifty-seven. Mr. Evans was chairman of Corwen Traders' Association.

GRIFFITHS.—At University College Hospital, London, W.C.1, recently, Mr. Richard Elliott Griffiths, B.Sc., F.I.C., Ph.C., aged fifty-eight.

HARRISON.—At Lee Abbey Hotel, Lynton, on April 24, Edith Helen Harrison, Oaklea, Sanderstead, widow of the late Lieutenant-Colonel E. F. Harrison, C.M.G., B.Sc., F.I.C., Ph.C.

MABEN.—At 63 Stradella Road, Herne Hill, London, S.E.24, on June 9, Mr. Thomas Maben, Ph.C. Mr. Maben was apprenticed in 1870 to the late Mr. John Craig, Hawick, with whom he remained for six years. He studied medicine for two years at Edinburgh University and then returned to pharmacy, passing the Minor examination in 1879 and the Major in the following year. Shortly afterwards he commenced business in Hawick. Mr. Maben was an examiner to the Pharmaceutical Society in Scotland from 1884 to 1899; in 1900 he joined the staff of Parke, Davis & Co., and in 1904 he was transferred from their Glasgow branch to London with charge of the literary output of the firm in this country. On his retirement after thirty years' service he was entertained to dinner by his colleagues and presented with a testimonial. In December 1930 he and Mrs. Maben celebrated their golden wedding. From the early 'eighties Mr. Maben contributed at intervals to THE CHEMIST AND DRUGGIST and other newspapers. He assisted in the preparation of two editions of "Pharmaceutical Formulas" and the first edition of "The Art of Dispensing." Early in the present century he visited the United States, where a dinner was given in his honour by leading American pharmacists and others. An introduction by the late Mr. Peter MacEwan, then Editor of THE CHEMIST AND DRUGGIST, led to his becoming an original Fellow of the Royal Society of Medicine. All of his four sons took part in the great war of 1914-18, but only one returned. Mr. Maben, who wrote a New Year message for our issue of January 3, 1931, and sent later articles from time to time, was in failing health for some time before the end. The funeral is to take place at West Norwood Crematorium on June 11 at 2.30 p.m.



MR. T. MABEN, PH.C.

MORRIS.—At Bristol, on June 5, Mr. Thomas James Morris, M.P.S., director of Hodders, Ltd., wholesale and retail chemists, and for twenty-five years manager of the Wine Street branch of that company.

ROWCROFT.—On May 28, Mr. Frank Heathorn Rowcroft, M.P.S., 449 Tonbridge Road, Maidstone, aged fifty-three. Mr. Rowcroft had carried on business in Maidstone for the past twelve years. He was apprenticed to his father, who had a chemist's business in Week Street. A widow and four sons survive him. Several freemasons attended the funeral, and there were many floral tributes.

Coming Events

Wednesday, June 16

Pharmaceutical Society of Great Britain, North British Branch, 36 York Place, Edinburgh, at 11 a.m. Annual meeting and election of executive.

Thursday, June 17

North-East and East London Pharmaceutical Association, St. John's Institute, Urswick Road, Hackney, E.8, at 3 p.m. Annual meeting.

For SUNTAN without SUNBURN

recommend

LOTIL SUNTAN LOTION

2 ozs. 1/3, 4 ozs. 2/- retail.

JOHN BELL, HILLS & LUCAS LTD.,
Oxford Works, Tower Bridge Road, London, S.E.1

FENNINGS' OVER 70 YEARS' REPUTATION

Children's Powders

ADVERTISED EVERYWHERE. READY SALES.
ALFRED FENNINGS, Cowes, I.W.

WORLD'S HEADQUARTERS FOR

SPONGES

INTERNATIONAL SPONGE IMPORTERS, LIMITED
CRESSWELL BROS. BRANCH,
18 and 19 Red Lion Square, LONDON, W.
CHEAPEST HOUSE for Sponges & Chamois Leathers
WRITE FOR ILLUSTRATED PRICE LIST.

GARFIELD TEA

FOR CONSTIPATION

Order from your Wholesaler

GARFIELD TEA CO. 44 Foxbourne Road, BALHAM, LONDON, S.W.17

CACHETS "FINOT"

(White or Coloured)
With inscriptions in any desired tint; also Plain or Embossed.
"A distinction all their own."—*C. & D.*
"Perfection of Cachets."—*Lancet.*
These Cachets are especially adapted for Headache, Neuralgia and other powders.
COOPER SON & CO. LTD., 80 Gloucester Road, SOUTH KENSINGTON
In 17 Sizes to fit the various types of Cachet Machines.

A WORD OF CAUTION

'LUMINAL'

(Our Registered Trade Mark)

When 'Luminal' is specified on *any* prescription, the Chemist is legally bound to supply the Original product. Substitutes are liable to give different clinical results from the Original.
In order to safeguard doctors and patients we shall protect our Trade Mark rights by vigorous action.

BAYER

BAYER PRODUCTS LTD.
AFRICA HOUSE, KINGSWAY, LONDON, W.C.2

EXTRA RECTIFIED ALCOHOL FOR PERFUMERY

Write for Prices

JAS. BURROUGH Ltd. 1 Cale Distillery, LAMBETH, S.E.11

TABLETS, PILLS, LOZENGES

We are manufacturers for the Wholesale Trade.
If you buy large or regular quantities, please write for quotations.
BROOK, PARKER & Co. Ltd., BRADFORD

FOR FAST SALES

. . . . . *and big profits*

Stock up "PIFCO" Sharpex Razor Blade Stroppers. They sell on sight, being *nationally advertised.* For economy and clean shaving, Sharpex Stroppers are unequalled. 2s. each. For trade discount apply to—
PIFCO LTD., Watling Street, Manchester
London Office: 150 Charing Cross Road, W.C.2

"Counter Prescribing"

The age old right of chemists to 'counter-prescribe' is preserved to them under Sec. 19 (1) (*c*) *of The Pharmacy and Poisons Act*, 1933.

The latest edition of "DISEASES AND REMEDIES" is an invaluable standby in this connection. It provides a host of tested formulas in accordance with modern medical practice, as well as an alphabetical arrangement of diseases.

It is the Chemists' Guide to modern medical practice.

You can secure a copy of the latest edition by return of post if you send remittance value 7/10*d. to*

The Publisher,
THE CHEMIST AND DRUGGIST
28 Essex Street, Strand, London, W.C.2

Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

W/86. Abidol for hay fever
M/76. Climax sun glasses
S/86. Coltar brand pine needle bath salts
D/68. Denham's pig powders
S/86. Limpet bathing caps
B/76. Profarin diabetic bread
B/76. Rocca bathing caps
S/56. "Snapdots" for mounting photographic prints
F/36. Ung. Sedani

THE
CHEMIST AND DRUGGIST
VOL. CXXVI June 12, 1937 NO. 2992

Doctors Win Again

A BRIEF REFERENCE was made in last week's *C. & D.* (p. 652) to the Court of Inquiry set up by the Ministry of Health and the Secretary of State for Scotland into the remuneration of insurance practitioners. The finding of the Court is that the appropriate capitation fee should be 9s., the present amount in regard to insured persons over the age of sixteen. (A complete report of the proceedings has been given in the "Supplement to the British Medical Journal" of May 29, pp. 314 to 335, and of June 5, pp. 341 to 358. The medical practitioner, therefore, has available for his personal examination a copy of the work of the Insurance Acts Committee of the British Medical Association and the Ministry of Health and Scottish office). The first point that occurs to one reading this report is the splendid case put forward on behalf of the physicians by their representatives, and the second whether, when the time comes, a similar determined action on behalf of pharmacists will be as fully organised. It has to be realised that, thanks to the Charter, the Society has no say in the matter from the professional side of pharmacy, because there is the business side which is in the hands of the National Pharmaceutical Union. This is not intended to be any reflection on the N.P.U., but pharmacy is bound to start off under a handicap when the older official body has perforce to be dumb. The number of insured persons has risen during the seven years from 1922 onwards from 665,118 to 1,590,207. Combined average attendances at surgery and visits rose in the same period from 3·75 to 5·13. It is little wonder with figures such as these that payment for dispensing is likely to be even less adequate in future, unless drastic steps are taken to alter the present method of discounting payments. The memorandum by the B.M.A. Committee ends with the statement that if the 9s. of 1924 were a fair reward then, it submits that an annual capitation fee of 12s. 6d. should be paid to the insurance practitioner, not only for any insured worker entitled to medical benefit, but also including those between the school-leaving age and sixteen years of age for whom the Government is about to make medical benefit available.

The fall in the cost of living was one of the arguments brought up in the memorandum by the Ministry of Health and Secretary of State for Scotland as a counter-attack, and Civil Service salaries were brought in to illustrate the decline in the cost of living. Further, it was pointed out that the proposed extension of medical benefit to the young persons, who will be referred to as juveniles, will increase the number of beneficiaries under the National Health Insurance scheme by about one million. The presumption was that the services which the doctors would be called on to render to juveniles would be less onerous than required by the general body of insured persons. The reduction in the price of private cars of 50 per cent. between 1924 and 1935 added another point in favour of the Ministry's view. The conclusion arrived at in the memorandum by the Ministry of Health and the Secretary of State for Scotland was that so far from there being any need to increase the fee paid to medical practitioners, there was justification for a reduction of the present fee from 9s. to 8s. The proceedings were opened with Lord Amulree in the chair, and continued for four days with the result which appears in the opening sentences of this article.

The introduction of legislation to entitle juveniles to medical benefit immediately on becoming employed after reaching the school-leaving age has been awaiting this decision, and it will no doubt now be possible to bring a Bill before Parliament. Whether or not the 9s. will be applicable to the juveniles, however, has yet to be decided; but there is every likelihood that the doctors' winning ways will be continued. It is to be hoped that some provision will be made in the new Act for payment to chemists for medicines supplied to new entrants to the insurance scheme; for as apparently the drug fund has been so long insolvent and continues to be so, some provision must be made for the extra cost. Chemists would especially like to know where the money is to come from. There is about three and a half years of the present contract to run, and it is unthinkable that the chemists' accounts should again be subjected to discounting by presumably the richest country in the world.

The Search for Narcotics

A THOUGHT-PROVOKING EDITORIAL ARTICLE appears in the May issue of the "Journal of the American Pharmaceutical Association" under the title "Dispensing of Narcotics." The writer points out that "*Cannabis sativa* has brought the possibility of including items for which a place may have to be made in the law or a means for making the product harmless." The examples of the new items are hemp seed, which is bird food, and oil of hemp, which is used in the manufacture of paints. To prohibit the use of hemp seed, it is pointed out, would have caused the loss of many tons of products, but by treatment the loss has been prevented, and further, those who have unintentionally violated the law are probably safeguarded. What the cause is of the enhanced demand for narcotics throughout the world following the war cannot be decided easily. Many who are not yet what might be termed old can well remember the casual method of storing what are now considered "dangerous" drugs, namely, opium and cocaine. When laudanum was made by the apprentice master, it was usually the duty of the apprentice to cut the opium cakes into small pieces. One instrument which was definitely used for this purpose was similar to the slicing knife employed by the tobacconist. The stocks of cocaine appeared on open shelves in more than one cellar, and fatalities were very few and far between.

The demon of curiosity is of course largely to blame for the rising demand for narcotic products, and once these powerful drugs gain mastery, the repulsive Mr. Hyde never again becomes the respectable Dr. Jekyll. Newspaper reports also are largely responsible for luring excitable, curious or unstable members of the community to see just exactly how these wonderful drugs act. We are credibly informed that the demand for benzedrine following recent emotional articles in the daily Press was by no means inconsiderable. The point of all this is that it would seem this and other countries are fast approaching the condition of armour-plating versus shell which occurs in modern warfare, inasmuch as so soon as legislation stops the free sale of what are considered "dangerous" drugs, then a new search is made, as is

apparent from this article in the above-mentioned publication. The dispensing of narcotics, says the writer of the article, by pharmacists is an obligation, but the unfortunate effect on the pharmacist of restrictive legislation is to prevent him from selling such articles. In fact, he has no real control at all over the sale; and if the list of "dangerous" drugs and poisons continues to grow, this point will be a very serious argument for rapid action to be taken on behalf of those who have qualified to be trusted with the drugs, if they are to survive as a class. The following is abstracted from the article :—

"An experienced vendor may use the commercial idea essential to a sale, but unless he has the professional understanding a most important qualification is lacking. To the one it is making a sale and gaining a profit, to the other this is secondary to protecting the one who may be injured, become afflicted or morally diseased. Greater stress should be laid on the why and wherefore of restriction in legislation. Even some court decisions show the lack of understanding of the higher principle involved. There should be not only more education, a better understanding, but a higher appreciation of professional practice. The thought has developed because of the recent acts in the misuse of narcotics and efforts in making other plants available for related purposes. Knowledge is necessary, but professional thoughts and values are essential. *It may well be questioned whether some articles sold in drug stores should be permitted and whether medicines should be sold in other stores only because, seemingly, these vendors possess as much knowledge regarding them as druggists.* The problem is a greater one than that and concerns everybody."

This could not have been expressed better, had the writer been considering pharmacy on this side of the Atlantic. The italics above are ours, and are interesting in that the education of officialdom and pompous persons who contemptuously dismiss the value of the pharmacist contrasted with other retailers in handling a dangerous business has apparently only just begun with the appointment of a Public Relations Officer.

Shortage of Phenol

THE shortage of bulk supplies of phenol, not only in this country, but throughout the world, is reflected in the Board of Trade's notice that they have received an application for an Order to exempt the synthetic product from liability to Key Industry Duty. Actually, the quantity of phenol, which is also being made here by the synthetic process, produced in this country has been steadily increasing, but it seems the rate of increase in output has not been sufficient to meet the enormous growth in the demand, due chiefly to the huge quantities that are now being used in the synthetic resin industry. Very much the same thing has happened in America, Germany and Japan, the other chief phenol producing countries, for, we are advised, production in their cases is barely enough to meet the demands of their synthetic resin industries. It is quite possible the world's explosives industries have also called for larger quantities of this product. To-day, the consumption of phenol by the chemical industry, chiefly for salicylates, although it runs into substantial quantities, is quite secondary to that required for plastics.

Although the price to be paid for phenol by the chemical industry generally may have to be on a higher level than for some time past we understand that the normal quantities used will be available when required. Plant extensions are being hurried on and it is anticipated that the present acute position will be overcome without undue delay. It is of interest to note that, assuming the Board of Trade recommend the Treasury to issue an Order waiving the Key Industry Duty, imports of the synthetic product will still be liable to the Dyestuffs (Import Regulation) Act, 1921, and it will therefore be necessary for importers to obtain a Dyestuffs Licence, and they will also be called upon to pay the ten per cent. *ad valorem* duty under the Import Duties Act, 1932, unless, in the meantime, synthetic phenol is put on the Free List. And before they overcome these obstacles the importers have first to find a foreign source of supply and, for bulk quantities running into hundreds of tons, this will not be easy at the present time. We should estimate that the industrial consumption of phenol, quite apart from its greater use for war materials, has increased more than that of any other chemical of the key raw material class, and it is highly satisfactory to know that production in this country is being planned accordingly.

A New "Thorpe"

THE issue during the present week of the first volume of a new edition (the fourth) of "Thorpe's Dictionary of Applied Chemistry" is a welcome event. Although it is only two years since the second and final volume of the Supplement to the third edition appeared, the march of chemical science is so rapid and continuous that the beginning of another edition is already due. We learn from the foreword that it is intended to publish one volume yearly: if this rate of progress can be accelerated, so much the better. As the foreword intimates, the new edition will occupy more space than its predecessor: the present volume, for instance, ends with "Bixin," whereas Volume One of the third edition went on to "Calcium." The editors, Professor Jocelyn F. Thorpe and Dr. M. A. Whiteley, hope to solve the problem of cross-references, so far as it will arise from differences in dates of publication, by using the later volumes as a means of bringing previous volumes up to date.

"Thus each item of importance contained in a general article in an earlier volume will be dealt with in a later volume under its own initial letter, and any up-to-date additions included. In a similar manner earlier volumes will contain items of importance dealt with in general articles in later volumes, and in this case such items will be brought up to date in the later volume."

The familiar arrangement of the text has been retained. The long list of contributors includes the names of Dr. E. F. Armstrong, Professor G. Barger, Mr. C. T. Bennett, Sir Gilbert Morgan, Dr. Ernest J. Parry and Dr. F. L. Pyman. The price of the book is 63s., and the publishers are Longmans, Green & Co., Ltd., 39 Paternoster Row, London, E.C.4. The material of the cover is, quite appropriately, dyed with Monastral fast blue BS.

New Books

Gunn, J. A.—*An Introduction to Pharmacology and Therapeutics*, 4¼ in. by 6¾ in., pp. 240, 5s. Oxford University Press, Amen House, Warwick Square, London, E.C.4. [This, the fifth edition of Professor Gunn's book, has been revised up to the eleventh decennial revision of the U.S. Pharmacopœia, 1936.]

Lupton, A. W.—*Aids to Forensic Pharmacy*, 4 in. by 6¼ in., pp. 226, 3s. 6d. Bailliere, Tindall & Cox, 7-8 Henrietta Street, London, W.C.2. [Based on the forensic pharmacy required for the Pharmaceutical Society's examinations, but contains other chapters relating to dangerous drugs, methylated and industrial spirits regulations, venereal disease, etc. A useful book, which, unfortunately, rapidly changing legislation quickly renders incomplete.]

A Pharmacy in Khartoum

How the English Pharmacy of 1906 has become a Departmental Store

TOWARDS the end of 1906, Mr. G. N. Morhig, who a few years previously had graduated at the Syrian College of Pharmacy, Beirut, opened in Khartoum a pharmacy in which he endeavoured to offer Europeans in the Sudan the same advantages that they could have in London. When the late Lord Kitchener defeated the Mahdi's forces, Lieutenant G. N. Morhig, who was serving in the Egyptian Army Medical Corps, was stationed at the Military Hospital, Khartoum, and during his sojourn there decided to open the first English pharmacy in that area. So as soon as he had completed his military duties, he came to London to make further studies in blood examination which he had commenced with Dr. Andrew Balfour at the Gordon Memorial College. He realised that bacteriology and microscopic research were bound to play an important part in combating tropical diseases. At the conclusion of his studies in London, he arranged for a well-known wholesale house to fit out his pharmacy in Khartoum. The English Pharmacy of 1907 changed to the English Drug Stores in 1910, the English General Stores in 1913, and now it is known as Morhig—Proprietor G. N. Morhig, O.B.E., Ph.C. The agency side of the business was to some extent interrupted by the Great War, and the difficulties resulted in Mr. Morhig extending his business in other channels, so that he added to the drug store new departments for foodstuffs, drinks, tobacco and other commodities. The enterprise has been highly successful. The English Pharmacy started on an area of 100 square metres, and the modern building shown in the photograph below covers 1,200 square metres. The personnel consists of twenty-five persons, fourteen of whom are Europeans. In a letter describing his business Mr. Morhig writes: It is curious to think that though I am established in this remote corner of Africa, I have had the honour to shake hands with, serve and wait upon eight kings and two queens, and a president of the United States, princes, dukes, statesmen and scores of outstanding figures from every nation. I feel I have to pay a warm tribute to two kind personalities who were a great help to me when I was laying the foundation of my business. The first is the late Sir Henry S. Wellcome, who gave me his personal card to use as a reference when opening business connexions in England; and the second is His Excellency General Sir Reginald Wingate, former Sirdar and Governor-General of the Sudan, whose constant support and goodwill made important factors in my progress. I also wish to pay another tribute to THE CHEMIST AND DRUGGIST through the medium of which I have always gained knowledge and found the ways to develop, expand and make new business connexions.

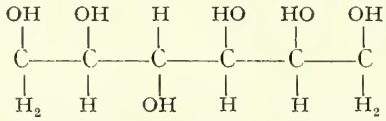
Above, left and right: Two views of the interior of the pharmacy.

Centre: Exterior of the building.

Left: View from general store to drug store. *Right:* Interior of provision store.

Sorbitol in Toilet Preparations

Now available in this country in commercial quantities *d*-sorbitol is another laboratory curiosity which becomes of industrial importance. It is a hexahydric alcohol isomeric with mannitol, dulcitol and so forth, with the following formula:—



It occurs naturally in mountain ash berries and pears and is now produced by the electrolytic reduction of glucose. In its pure form, *d*-sorbitol is a solid with a melting point of 93-95° C., but it is also available as a thick syrup containing 75 to 85 per cent. of the alcohol, together with traces of sodium sulphate and glucose. Various grades of sorbitol syrup are produced, but the pharmaceutical is the one likely to be of greatest interest. This is water-white, whereas the others are pale-straw coloured. *d*-sorbitol is soluble in water, ethyl and methyl alcohols, but is insoluble in many organic solvents. Solutions are neutral, stable and for all practical commercial purposes, non-poisonous. Sorbitol solutions have a higher specific gravity and viscosity than similar solutions of glycerin. From the point of view of toilet preparations the most outstanding property of sorbitol is that it has a much narrower humectant range than glycerin; that is, it absorbs less moisture than glycerin in moist atmospheres, but holds moisture better in dry conditions. The hygroscopic peculiarities of *d*-sorbitol make the substance of value in the leather, paper, textile and printing trades, besides its use in toilet products; moreover, it is now being largely used as a sweetening agent for diabetics. It will be readily appreciated that the unusual humectant properties of *d*-sorbitol will tend to have a levelling influence on the moisture content of substances containing it, and the following formulas are therefore suggested as being worthy of consideration. In preparing samples the *d*-sorbitol in powder form was employed, but there is no reason why sorbitol syrup should not be used providing adjustments in the formulas are made depending upon the sorbitol and water content of the syrup.

Hand Jelly

Gum tragacanth	200 gr.
or P. carob gum	250 gr.
d-sorbitol	3 oz.
Almond oil	120 min.
Alcohol	1¼ oz.
Nipagin-M	16 gr.
Perfume	as required
Water	12½ oz.

Add the sorbitol and nipagin to the water and heat to 70° C., then add the gum suspended in the alcohol and stir till a smooth mucilage is produced. If carob gum is used the mixture should now be heated on a water bath for 20 to 30 minutes in order to increase viscosity and destroy the enzyme present. When the jelly is cold, work in the almond oil and perfume. Jellies prepared with carob gum appear to be better if tinted with some appropriate colour.

Hair Fixative

P. carob gum.	6
Alcohol	10
d-sorbitol	30
Water	490
Perfume	as required
Nipagin-M	1·0

This is prepared in a manner similar to that used for the hand jelly formula.

Vanishing Cream

Stearic acid	20
Cetyl alcohol	1
Cocoa butter (deodorised)	1
Triethanolamine	2
d-sorbitol	5
Nipagin-M	0·05
Perfume	as required
Water	71

The cream is prepared in the usual manner, the melted fats being added to the aqueous solution of *d*-sorbitol, preservative and triethanolamine. Since sorbitol forms esters like other alcohols it is probably present in the above cream as a *d*-sorbitol stearate of varying composition.

Tooth Paste Base

Precipitated chalk	36
Kaolin (colloidal)	2
Curd soap	6
Powdered tragacanth	0·5
d-sorbitol	36
Water	20
Flavour and colour	as required

Dissolve the sorbitol in the water and mass the mixed powders with the syrup. Flavour and colour as desired. In conclusion, it may be mentioned that a fact which has emerged from the use of *d*-sorbitol in the leather industry appears to indicate that the alcohol has great possibilities in cosmetic creams. That is, greater softness can be produced by the use of *d*-sorbitol than by glycerin without producing a sticky surface on the skin. The stickiness produced by glycerin in certain cases is a drawback too well known to require further comment.

Dental Board

The thirty-second session of the Dental Board of the United Kingdom was held at 44 Hallam Street, London, W.1, recently. The Rt. Hon. Sir Francis Dyke Acland, Bart. (chairman), presided. After the roll call came the

Chairman's Address,

in the early part of which he quoted with approval three comments from professional journals on the correct attitude to be adopted by registered dentists towards clinics and other institutions, especially in relation to the matter of advertising. The chairman went on to remark that there is an apparent increase in the number of advertisements in the lay Press from unregistered persons purporting to be carrying on business as dental mechanics, and pointed out that such persons are not prohibited from carrying on this business nor from advertising for that purpose. The limitations to which they are subject should, however, be recognised. The chairman continued:—

"There remain two types of cases which give rise to more difficulty.

"The first is that in which advertisements are published in such terms as possibly to suggest to the public that the advertisers are at least 'prepared to practise dentistry.' It is not easy for the authorities of the Board to satisfy themselves that the wording of an advertisement is in itself enough to constitute the offence commonly known as 'holding out,' or is likely to convince a Court that this offence has been committed.

"The second is that in which allegations are made that the practice of dentistry is being carried on by the unregistered persons under cover of the business which they advertise. What the authorities of the Board require before they institute a prosecution in any such case is specific evidence of practice by an unregistered person which is likely to be sufficient to secure a conviction by the Court."

Disciplinary Cases

The cases of eleven dentists against whom various charges had been made were considered during the session. The following were ordered to report to the Board again at the November session or that of May 1938:—Mr. Frank Barratt, West Hill Drive, Mansfield (further testimony required); Mr. Albert W. Newman, Pagoda Avenue, Richmond, Surrey (convictions for drunkenness and dangerous driving); Mr. Gerald Quinn, L.D.S., College Road, N.W.10 (convictions for drunkenness and motoring offences); Mr. Charles L. Bland, Willesden Lane, N.W.2 (excessive lettering on premises). In two cases the respondents were discharged—Mr. Maurice H. Lisman, Westmorland Road, Newcastle-upon-Tyne, and Mr. Alfonso M. Vargas, Oxford Street, London, W.1. In the other five cases it was found that the names of the respondents should be erased from the Register: the names are Mr. Albert E. Lloyd, North Drive, Cleveleys, Blackpool; Mr. James S. Hopwood, Flixton Road, Urmston, Lancs.; Mr. William Laird, Gray's Hill, Bangor, co. Down; Mr. John K. Scotland, L.D.S., Millbrae Crescent, Langside, Glasgow; Mr. Edwin S. Tebbutt, L.D.S., Finsbury Square, E.C.2.

Items in Parliament

Ministerial Appointments

On May 28, the Rt. Hon. Stanley Baldwin tendered his resignations from the offices of Prime Minister and First Lord of the Treasury to His Majesty at Buckingham Palace. A new Cabinet, with the Rt. Hon. Neville Chamberlain as Prime Minister, First Lord of the Treasury and Leader of the House of Commons, was later announced. The new Cabinet consists of twenty-one members. New ministerial appointments are as follows: Chancellor of the Exchequer, Rt. Hon. Sir John Simon ; Lord President of the Council and Leader of the House of Lords, Rt. Hon. Viscount Halifax ; Secretary of State for the Home Department, Rt. Hon. Sir Samuel Hoare, Bt.; Lord Privy Seal, Rt. Hon. the Earl de la Warr ; First Lord of the Admiralty, Rt. Hon. Alfred Duff Cooper ; Secretary of State for War, Rt. Hon. Leslie Hore-Belisha ; President of the Board of Trade, Rt. Hon. Oliver Frederick George Stanley ; President of the Board of Education, Rt. Hon. the Earl Stanhope ; Minister of Transport, Rt. Hon. Edward Leslie Burgin. The remaining Cabinet Ministers are as previously.

Alien Doctors and Dentists

The Home Secretary was asked what was the present policy of his Department with regard to the admission into this country of foreign doctors, dentists, research workers, and students, etc.; whether he could give the aggregate number permitted to settle here in the last two years ; and what representations he had received from professional bodies in this country on the subject of this form of competition?

Mr. Lloyd: The policy is to restrict closely the admission of foreign doctors and dentists who wish to set up in practice in this country after being admitted to the British Medical and Dentists Registers. Since March 1935, the rule has been not to permit foreigners to engage in medical practice in the United Kingdom save in the most exceptional circumstances ; the same rule has been applied in the case of foreign dentists since February 1936. No general figures of the numbers to whom permission to practise has been granted are available. The question of the admission of refugee doctors and dentists from Germany has been the subject of representations from and discussion with the various professional bodies concerned and separate figures have been kept of the numbers of refugee doctors and dentists to whom permission to set up in practice has been granted. They are 183 doctors and 78 dentists, of whom the large majority, in the case of the doctors, had either been granted permission to practise or had commenced their studies for a British degree before March 1935, and in the case of the dentists had been admitted to the Dentists Register before February 1936. As regards research workers and students whose work does not involve employment in the service of a person or firm in this country, no obstacles are placed in the way of their admission provided their maintenance here is assured, but they are expected to leave on the completion of their research or study. If employment is involved they are not admitted unless in possession of a permit issued by the Minister of Labour to their respective employer in accordance with Article 1 (3) (*b*) of the Aliens Order, 1920.

Air Raid Precautions

The Home Secretary was asked how the issue of gas-masks to the public was to be effected ; whether these would be stored in all towns ; and how, in a case of emergency, access to such stores would be arranged?

Mr. Lloyd: The detailed arrangements for the issue of gas masks to the public in the event of an emergency are not yet complete, but it can be stated that the respirators will be stored in all towns or districts likely to be subjected to attack from the air, and will be distributed from the store to the individuals at their homes.

Mr. Keeling: Can my hon. Friend say how many of these respirators or gas masks are now available?

Mr. Lloyd: Approximately 8,000,000. Mr. Lloyd further stated that the masks would be issued free of charge by the Government to all in need in the event of an emergency.

British Chamber of Commerce, Paris.—The annual report of the British Chamber of Commerce, Paris, Inc., 6 Rue Halévy (IXe), has just been issued. It includes the usual convenient list of members and other information.

Schimmel's Report, 1937

Schimmel's report for the current year, just to hand, contains everything recently published that is of interest to the essential oil and perfumery world. From it are selected some of the most recent researches which have not yet come before English readers. The oil from the fresh rhizome of *Alpinia nutrans* has been examined by Ultée, who obtained 0.13 per cent. of an oil of yellowish colour having the following characters: s.g. at 10°, 0.922 ; specific rotation, −10.51° ; ref. index at 18°, 1.4740 ; ester value 27. The oil contains 26 per cent. of terpenes (lævorotatory α- and β-pinene) 60 per cent. of cineol, and 7.8 per cent. of methyl cinnamate. The essential oil of *Artemisia Krylowiana*, which has s.g. at 20°, 0.9303 to 0.9314, is of particular interest in that it contains 6.5 per cent. of azulene. It also contains pinene, cineol, camphor, and 28 per cent. of tertiary alcohols. The closely related species *Artemisia sacrorum* yields an essential oil which has been investigated by Tschisstowa. It has s.g. at 20°, 0.911 to 0.915 ; optical rotation, −2.40° to +2.60°; ref. index at 15°, 1.4640 to 1.4645 ; acid value, 2.5 to 3.7 ; ester value, 49 to 62 ; and ester value, after acetylation, 88 to 104. It contains cineol and camphor. A sample of the essential oil of *Blumea eriantha*, received from India, was found to have s.g. 0.944 ; optical rotation, + 42° 10′; refractive index, 1.4809 ; and to contain 95 per cent. of ketones. The principal ketone present was found to be *d*-carvanacetone. The fresh flowers of *Calendula officinalis* yielded 0.004 per cent. of an almost colourless essential oil which Ingolen has examined. It has s.g. 0.930 ; optical rotation, − 6° 50′; ref. index, 1.4976 ; ester value, 3.5 ; ester value, after formylation in the cold, 105. Azulene (or sesquiterpene alcohols yielding azulene) is present. Rao and Subramaniam have examined the oil distilled from the leaves of *Clausena Wildenowii*. The oil has s.g. 0.933 to 0.935 ; specific rotation, −1.6° to −2.1°; ref. index, 1.5122 to 1.5129 ; ester value, 9.1 to 9.5. The oil contains β-clausenane, γ-clausenane, di-α-clausenane, esters and ketones. Denis has examined the oil distilled from the fruit of *Fagara Lemairei*, which yielded 2.29 per cent., and which had s.g. 0.8956 at 20°; refractive index, 1.4760 ; and ester value, 80.6. It contains citral and citronellal. The labiate plant, *Hyssopus ambiguus* indigenous to certain parts of Russia, has, according to Dramitzina, the following characters: s.g. at 20°, 0.924 to 0.941 ; optical rotation, +9.03° to +13.3°; ref. index, 1.4830 to 1.4870 ; and ester value, 8.7 to 15.5. It contains cineol, β-pinene, and *b*-pinocamphone. Ultée has examined the essential oils of two species of *Languas*, plants belonging to the *Zingiberaceæ*. These oils had the following characters:—

	Languas Romburghiana	*Languas Schumanniana*
Specific gravity	0·9759 (16°)	0·9365 (18°)
Specific rotation...	+8° 40′	+46·24°
Refractive index	1·5752	1·4782
Acid value	2	9
Ester value	137	38
Ester value after acetylation	179	81

The oil from *L. Romburghiana* contains α- and β-pinene, camphene, cineol, camphor, borneol and methyl cinnamate. That from *L. Schumanniana* contains α- and β-pinene, camphene, unidentified esters, borneol, and camphor. In the oil from the dried herb *Nepeta botryoides* Pigulewski and Tschisstowa have identified 55 per cent. of thymol, traces of carvacrol, and hydrocarbons. The oil has s.g. at 20°, 0.9066 to 0.918 ; optical rotation, + 0.88° to + 0.92° ; ref. index, 1.4090 to 1.5025 ; ester value, 1.44 to 2.26 ; and ester value, after acetylation, 148 to 156. The leaves and twigs of *Tsuga mertensiana* yield 0.27 per cent. of essential oil, which has been examined by Schwartz. It has s.g. at 20°, 0.862 ; optical rotation, + 13.22° ; ref. index, 1.4736 ; ester value, 24 ; and ester value, after acetylation, 34.6. It contains about 10 per cent. of borneol, *d*-pinene, phellandrene, bornyl acetate, and esters of acetic and benzoic acids.

A New York exhibition.—The sixteenth U.S. Exposition of Chemical Industries will be held at Grand Central Palace, New York, from December 6 to 11, 1937. Three floors have been reserved. Dr. M. C. Whitaker (vice-president, American Cyanamid Company) will be chairman of the advisory committee. The Exposition will be under the personal direction of Mr. Charles F. Roth, who has been responsible for previous expositions.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, June 10

BUSINESS HAS BEEN rather patchy during the past week with the aggregate volume fair. While values for some of the leading commodities, particularly the speculative items, have weakened in value a little, the ordinary routine products continue steady. Re-export trade to the near Continent has been quite good this week. There is little to comment on this week in the PHARMACEUTICAL CHEMICAL markets except that SODIUM DIETHYLBARBITURATE is quoted cheaper. In other respects makers' prices are mostly steady.

Crude Drugs

The home consuming demand has been about average this week, while good re-export business has been done in one or two products. Some leading commodities are cheaper on the week. Spot AGAR has sold well to the Continent. Shipment offers of BUCHU are being maintained. Under pressure to make sales the shipment quotations for new crop CASCARA SAGRADA are sharply easier with the source indicating further reductions unlikely. Zanzibar and Madagascar CLOVES are fractionally easier. Spot offers of new crop COLOCYNTH PULP are becoming rather competitive. The demand for DERRIS ROOT is still negligible. ERGOT has been quiet. New crop GENTIAN is quoted for shipment at good figures. West African GINGER is easier on the week. Sudan GUM ACACIA is quiet but steady. Japanese MENTHOL is steady on spot and firm forward. A sharp advance in MERCURY is reported, due, it is stated, to difficulty of covering war risks insurance. PIMENTO is easier. Rough round RHUBARB is a very steady market and shipment is firm at high figures. RUBBER shows a further loss this week. Moderate inquiry for SENNA reported ; quoted generally unchanged. No stocks of grey Jamaican SARSAPARILLA available on spot. SENEGA is steady on spot with some shipment offers of new crop received. SHELLAC shows a loss on the week. Fair inquiry for the white grades of TRAGACANTH. More shipment offers of new crop BEES' WAXES and the prices asked are a little cheaper.

Essential Oils

General trade has been moderate in volume and spot values are being fairly well maintained. The demand for BERGAMOT has been quiet, but values for good quality oil are quite steady. Shipment inquiry for CASSIA remains slow. Java CITRONELLA is quoted slightly cheaper for shipment, market dull. No shipment offers of Madagascar CLOVE. Australian EUCALYPTUS continues firm for shipment. Algerian GERANIUM is firm for shipment at the recent advance. Florida GRAPE-FRUIT is offering on spot. Active inquiry on spot for Ho (SHIU) with supplies short and in strong hands. Moderate amount of spot business in Sicilian hand-pressed LEMON and dealers' prices are moving up, with the shipment market showing a further sharp advance. LEMONGRASS has been dull and is quoted cheaper for shipment. Very high prices are being asked for shipment of genuine MANDARIN. New crop NEROLI is being quoted at high prices, due to the increased cost of flowers. A steady business is reported on spot in French Guinea ORANGE and spot stocks are by no means large ; some shipment offers. PALMAROSA is cheaper on spot. Business in Japanese PEPPERMINT on spot has been good ; shipment market fully steady. The AMERICAN natural oil is reported dearer and firm at the source. Good quality Spanish oils, ROSEMARY and SPIKE, are well held at recent values on spot.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	June 3	June 10
Amsterdam	Fls. to £	12·107	8·96	8·97
Berlin	Mks. to £	20·43	12·29	12·32
Brussels	Belgas to £	nominal	29·26	29·27
Copenhagen	Kr. to £	18·159	22·40	22·40
Lisbon	Esc. to £	110	109¾	109¾
Madrid	Ptas. to £	25·22½	nominal	nominal
Milan	Lire to £	92·46	93⅜	93¾
Montreal...	Dol. to £	4·86⅔	4·92½	4·93½
New York	Dol. to £	nominal	4·92½	4·93½
Oslo	Kr. to £	18·159	19·90	19·90
Paris	Fr. to £	124·21	110½	110⅞
Prague	Kr. to £	164·25	141½	141¾
Stockholm	Kr. to £	18·150	19·40	19·40
Warsaw	Zloty to £	43·38	26	26
Zurich	Fr. to £	25·2115	21·58	21·60

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

GENERALLY steady conditions continue in this market, with trade no more than average. The recent advances in a number of the leading products are all maintained.

AMIDOPYRINE.—Keen spot quotations, business slow: two cwt., 13s. 6¼d.; one cwt., 13s. 10d.; less than one cwt., 14s. 1¾d. per lb., with powder 2½d. per lb. extra. Prices are duty paid, ex store.

AMMONIUM ICHTHIOSULPHONATE.—Steady, restricted business: one cwt., 1s. 6½d., in 14-lb. tins ; 1s. 8d., in 1-lb. tins ; 1s. 10½d., in 8-oz. tins, and 2s. 1d. per lb., in 4-oz. tins.

ASPIRIN.—Makers' and dealers' prices are unchanged, average business reported ; home trade, ten cwt., 2s. 7d.; five cwt., 2s. 8d.; 1 cwt., 2s. 8½d.; 28 lb., 2s. 9d.; 14 lb., 2s. 10d.; 7 lb., 3s.; 4 lb., 3s. 2d.; 1 lb., 3s. 4d. per lb. Bulk packing free, net, carriage paid. Contracts, over twelve months, minimum one ton ; over six months, less than one ton.

BARBITONE.—Dealers' prices are keen: spot, one cwt., 15s. 3¾d.; 56 lb., 15s. 8d.; small parcels, up to 16s. 3d. per lb.

BENZOIC ACID (B.P.).—Fair business at former figures: quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 3d. per lb., ex store, as to quantity.

BISMUTH SALTS.—Makers' scales of prices tend to be firmer. Carbonate, not less than one cwt., 6s. 6d.; 28 lb., 6s. 9d.; 8 lb., 7s. 3d.; 4 lb., 8s.; less than 4 lb., 8s. 6d. per lb.

BROMIDES.—Makers' scales of prices steady. POTASSIUM, B.P., five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s. per lb. SODIUM, B.P., five cwt., 1s. 10d.; one cwt., 1s. 11d.; 28 lb., 2s. 2d. per lb. AMMONIUM, B.P., five cwt., 1s. 11d.; one cwt., 2s.; 28 lb., 2s. 3d. per lb. net. Resale clause applies, 28-lb. parcels and one-cwt. cases free. Export quotations are maintained, as follows: POTASSIUM, B.P., five cwt., 1s. 4d.; one cwt., 1s. 4½d. SODIUM, B.P., five cwt., 1s. 5d.; one cwt., 1s. 5½d. AMMONIUM, B.P., five cwt., 1s. 6½d.; one cwt., 1s. 7d. per lb., f.o.b.

BUTYL CHLORAL HYDRATE.—Quoted unchanged: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE.—The scales for Continental material, duty paid, in 5-lb. tins, are as follows:—Pure, alkaloid, two cwt., 8s. 10½d.; one cwt., 9s. 0¼d.; 56 lb., 9s. 2¼d.; less than 56 lb., 9s. 4¼d. per lb. Citrate, two cwt., 5s. 11¾d.; one cwt., 6s. 0¾d.; 56 lb., 6s. 1¾d.; less than 56 lb., 6s. 2¾d per lb. Soda Sal., two cwt., 6s. 2¾d.; one cwt., 6s. 3¾d.; 56 lb., 6s. 4¾d.; less than 56 lb., 6s. 5¾d. per lb. English makers' prices as follows: Pure alkaloid, two cwt., 9s.; one cwt., 9s. 2d.; 56 lb., 9s. 4d.; less than 56 lb., 9s. 6d. per lb. Citrate, two cwt., 5s. 11d.; one cwt., 6s.; 56 lb., 6s. 1d.; less than 56 lb., 6s. 2d. per lb.

CALCIUM LACTATE.—Fair amount of business, one cwt., 1s. 0¾d.; 56 lb., 1s. 1½d.; 28 lb., 1s 2d.; smaller quantities, up to 1s. 6d. per lb.

CHLORAL HYDRATE.—British material is steady as quoted: duty paid crystals, in 14-lb. free containers, five cwt., 3s. 2d.; one cwt., 3s. 3d.; 28 lb., 3s. 4d. per lb.; 28-lb. jars, one penny per lb. extra.

CHLOROFORM.—Prices quoted by makers are: two cwt., 2s. 5½d. per lb.; one cwt., 2s. 6d.; 56 lb., 2s. 6½d.; less, 2s. 7½d. per lb., w-quarts of 8 lb. Packed in drums, ½d. per lb. less. Small bottles extra, from 5d. per lb. for ¼-lb. bottles to 1d. for 2-lb. bottles. Carriage paid on minimum cwt. lots.

CITRIC ACID (B.P. CRYSTALS).—Market continues fully steady, with good inquiry being dealt with. British material quoted at 1s. per lb., less 5 per cent. discount, nominal and without engagement. Dealers' prices for imported material are competitive.

COBALT SALTS.—Makers' prices continue at the advance recorded last week.

	2 cwt. and over	Less than 2 cwt.
	s. d.	s. d.
Sulphate	2 3	2 4
Acetate	3 7	3 9
Hydrate 60/61 per cent.	6 11	7 1
,, 59/60 per cent.	6 9	6 11
,, 55 per cent.	6 6	6 8
Chloride	3 5	3 7
Carbonate	5 8	5 10
Phosphate	6 1	6 3
Ammon. sulphate	3 5	3 7

CREAM OF TARTAR.—Seasonal demand is satisfactory, market steady: British material, 99 to 100 per cent., 87s. per cwt., less 2½ per cent. discount. Dealers' prices for foreign material competitive.

GLYCERIN (B.P.).—Makers' prices for home consumption are firm and supplies are restricted; one ton, in 10-cwt. drums, 101s. 6d. per cwt., drums extra.

GLYCEROPHOSPHATES.—Makers' prices are steady. Acid Calcium (soluble), 28 lb., 4s. 6d.; 7 lb., 5s. Calcium, neutral, B.P.C., 28 lb., 4s. 6d.; 7 lb., 5s. Potassium, 75 per cent., 28 lb., 4s. 6d.; 7 lb., 5s. Sodium, 75 per cent., 28 lb., 2s. 9d.; 7 lb., 3s. 3d. per lb.; 28-lb. tins free, other packings extra.

GUAIACOL CARBONATE.—Inquiry is small, with prices quoted in the region of 9s. per lb., ex store.

HEXAMINE.—Makers' prices for bulk quantities are steady: B.P. powder at about 1s. 2½d.; free-running crystals, from 1s. 3d. to 1s. 6d. per lb., carriage paid, for bulk lots. Dealers quoting free-running crystals, one cwt., 1s. 4d.; 14 lb., 1s. 8d.; smaller parcels, up to 2s. per lb., carriage paid.

IRON QUININE CITRATE.—Makers' prices are as follows: not less than 100 oz., 10½d., in 100-oz. tins; 10¾d., in 25-oz. tins; 11d., in 16-oz. bottles; 11¼d., in 4-oz. and 8-oz. bottles; 1s. 0½d., in 1-oz. bottles; less than 100-oz. lots, from 11d. to 1s. 4d. per oz., according to packing and quantity.

LACTIC ACID (B.P.).—Market continues steady: bulk quantities in carboys, 1s. 4½d. to 1s. 5d.; in winchesters and bottles, 1s. 6d. to 1s. 9d. per lb., as to quantity.

MAGNESIUM CARBONATE B.P. (HEAVY).—Makers' scales of prices continue at the recent advance. Contracts: five cwt., 65s. per cwt., less rebate 2s.; ten cwt., 65s., less rebate 3s.; one ton, 63s., less rebate 2s.; five tons, 63s. per cwt., less rebate 3s. per cwt. No fall clause. Resale clause applies. Distributors' prices for small parcels: 14 lb., 9½d.; 28 lb., 8½d. per lb., 28-lb parcels free packing.

MERCURIALS.—Makers' scales of prices for these salts are unchanged. CHLORIDE, B.P. (CALOMEL).—One cwt., 5s. 11d.; less than one cwt., from 6s. per lb.

METHYL SALICYLATE.—Market remains very quiet, makers' prices continue unchanged: spot, ten cwt., 1s. 1¾d.; five cwt., 1s. 2d.; one cwt., 1s. 2¼d.; less than one cwt., 1s. 2½d.; small quantities, in bottles, up to 2s. per lb.

METHYL SULPHONAL.—Market is still slack, quotations keen: two cwt., 19s. 3¾d.; one cwt., 19s. 9¼d.; 56 lb., 20s. 2¾d.; small parcels, 20s. 8d. per lb.

PARAFORMALDEHYDE.—Steady, with a small demand: 100 per cent. powder, quantities in kegs, 1s. 1d. to 1s. 1½d.; smaller parcels to 1s. 4½d. per lb., as to quantity.

PHENACETIN.—Limited demand, market steady: crystals or powder, bulk quantities, 2s. 6d.; smaller parcels, 2s. 7d. to 3s. per lb., as to quantity.

PHENOL.—Shortage of bulk supplies with high prices ruling continues. An application has now been made to the Board of Trade for synthetic phenol to be exempted from liability to key industry duty. Editorial comment on p. 678.

PHOTOGRAPHIC CHEMICALS.—AMIDOL.—28 lb., 7s. 6d.; 14 lb., 8s. 3d.; 7 lb., 9s.; under 7 lb., 11s. 9d. per lb., in 1-lb. bottles. CHLORQUINOL.—1-lb. bottles, 21s. per lb. GLYCIN.—7 lb., 10s. 6d.; 1-lb. bottles, 13s. 6d. per lb. HYDROQUINONE.—56 lb., 4s. 10½d.; 28 lb., 5s.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; 1-lb. bottles, 6s. 6d. per lb. METOL.—28 lb., 9s. 6d.; 14 lb., 9s. 9d.; 7 lb., 10s. 9d.; 3 lb., 11s. 6d.; 1-lb. bottles, 12s. 6d. per lb. ALUM (PHOTOGRAPHIC QUALITY).—1 cwt., 21s. per cwt., 28 lb. for 6s. GOLD CHLORIDE.—15-grain tubes, 45s. per doz., MAGNESIUM POWDER.—10s. per lb. PARAMIDOPHENOL HYDROCHLOR.—8s. 6d. per lb. POTASSIUM FERRICYANIDE.—14 lb., 2s. 2d.; 7 lb., 2s. 4d.; 1 lb., 2s. 6d. per lb. POTASSIUM METABISULPHITE.—One cwt., 7½d. 28 lb., 8d.; 14 lb., 9d.; 7 lb., 11d.; 1 lb., 1s. per lb. PYROGALLIC ACID, CRYST., 28 lb., 6s. 9d.; 14 lb., 7s. 6d.; 7 lb., 8s. 3d.; under 7 lb., 8s. 9d. per lb. SODIUM CARBONATE (RECRYST.).—5 cwt., 12s. 6d. per cwt.; 1 cwt., 15s. 6d. per cwt.; 56 lb. for 11s. 6d.; 28 lb. for 6s. SODIUM HYPOSULPHITE, TUBES, CRYST.—5 cwt., 16s. 3d.; 1 cwt., 18s. 6d. per cwt.; 56 lb. for 11s.; 28 lb. for 6s. SODIUM SULPHIDE (PURE).—7 lb., 1s. 3d.; 1 lb., 1s. 6d. per lb. SODIUM SULPHITE, RECRYST.—One cwt., 20s. per cwt.; 56 lb. for 13s. 6d.; 28 lb. for 7s.

POTASSIUM PERMANGANATE (B.P.).—Dealers' prices are unchanged, fair amount of small business: bulk quantities, in drums, 9d. to 10d.; druggists' parcels, 10d. to 1s. per lb., as to quantity.

QUININE SALTS.—Convention prices continue unchanged; sulphate, 2s. 2d.; bisulphate, 2s. 2d.; ethyl carbonate, 2s. 9¾d.; salicylate, 2s. 10½d.; hydrochloride, 2s. 8½d.; bihydrochloride, 3s.; hydrobromide, 2s. 8½d.; bihydrobromide, 3s.; valerianate, 3s. 8d.; hypophosphite, 4s.; alkaloid, 3s. 10½d. per oz., carriage paid on bulk quantities; 100-oz. tins free, smaller packages extra.

SALICYLIC ACID (B.P.).—Market is very quiet: five cwt., 1s. 7d.; one cwt., 1s. 7½d.; 28 lb., 1s. 8d.; 14 lb., 1s. 9d.; 7 lb., 1s. 10d.; 4 lb., 2s. per lb.

SALOL.—Quiet, with quotations competitive, with crystals in the region of 2s. 7d. to 3s. per lb., as to quantity.

SANTONIN.—Business on spot has slackened again, but values are about maintained. Quotations are in the region of £9 10s. to £10 per kilo., as to quantity.

SODIUM DIETHYLBARBITURATE.—Home makers' prices have been reduced 6d. per lb. The new scale is as follows: one cwt., 11s.; 28 lb., 11s. 3d.; 14 lb., 11s. 6d.; 7 lb., 11s. 9d. per lb., with higher prices for smaller quantities.

SODIUM SALICYLATE (B.P.).—Continues quiet, with makers' quotations unchanged: home trade, crystals or powder, five cwt., 1s. 5½d.; one cwt., 1s. 6d.; 28 lb., 1s. 9d.; 14 lb., 1s. 10d.; 7 lb., 2s.; 1 lb., 2s. 3d. per lb.

TARTARIC ACID (B.P. CRYSTALS).—Business on a good scale, market steady: British makers quote at 1s. 1¼d. per lb. less 5 per cent. discount. Dealers offering foreign materials at competitive prices.

THYMOL.—Standard prices are unchanged on quotation: synthetic, fine white, one cwt, 6s.; 56 lb., 6s. 3d.; 28 lb., 6s. 9d.; 14 lb., 7s. per lb.; ex ajowan seed, one cwt., 8s. 5d.; 56 lb., 8s. 10½d.; 28 lb., 9s. 5½d.; 14 lb., 10s. 6d. per lb.

VANILLIN.—Convention prices continue steady: ex clove oil or guaiacol, five cwt., 12s. 9d.; one cwt., 13s.; 56 lb., 13s. 3d.; less, 13s. 9d. per lb.

Crude Drugs, etc.

AGAR.—Limited home trade but quite good sales to the near Continental countries reported and it seems that these countries are now drawing their supplies from the London market instead of from Germany: spot, Kobe No. 1, 3s. 11d. to 4s. 1½d., as to quality; No. 2, 3s. 8d. to 3s. 9d.; Yokohama No. 1, 3s. 7d. to 3s. 8d. per lb.; shipment, June-July, Kobe No. 1, 3s. 8d.; No. 2, 3s. 4d.; Yokohama No. 1, 3s. 4d. per lb., c.i.f.

ALKANET ROOT.—Dealers are quoting small spot parcels at about 45s. per cwt., ex store.

ALOES.—Still no offers of Curaçao for shipment. Cape is unchanged. Cape, spot, 62s. 6d. in boxes; shipment, 61s. 6d. to 63s. per cwt., c.i.f., as to quality. Curaçao, spot, 90s. to 110s.; shipment, last indicated at 90s. to 92s. 6d. per cwt., c.i.f.

ANTIMONY.—Chinese crude on spot is dearer at £42; shipment, June-July, £36 10s., c.i.f. English regulus, spot, £82 10s. to £83 10s. per ton.

ARNICA FLOWERS.—Dealers are quoting some spot supplies at about 1s. 3d. to 1s. 4d. per lb., for small parcels.

BALSAMS.—Small business. A scarcity of Copaiba continues. *Tolu*, 1s. 7d. to 1s. 8d.; *Copaiba*, 2s. 6d., nominal; *Peru*, 5s. 4d. *Canada* is firmer and dearer at 2s. 8d. per lb.; spot.

BELLADONNA.—Occasional spot business in limited quantities: leaves, 55s.; root, 45s. per cwt., spot.

BENZOIN.—Stocks of Sumatra are plentiful and quoted from 85s. up to £5 per cwt., ex store. Modest business being done.

BUCHU.—The shipment market continues steady at 2s. per lb., c.i.f., and a bid at slightly less was countered with 2s. 1d., c.i.f. A few bales have sold on spot with rounds from 2s. 1d. for off-colour up to 2s. 3d. for fair green. Ovals range from 1s. 9d. for stalky off-colour up to 2s. for the best.

BURDOCK ROOT.—Dealers are offering spot supplies of this root at about 45s. per cwt., ex store.

CAMPHOR.—Values well maintained, average business; Japanese manufacturing BB grade is steady at £8 10s. per 100 lb. Japanese, spot, tablets, 2s. 7½d.; powder, 2s. 3¾d.; slabs, 2s. 3¼d. per lb., ex store; shipment, tablets, 2s. 3¼d.; powder, 2s. 1¾d.; slabs, 2s. 0¾d. per lb., c.i.f. English refined flowers: one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz. and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ⅓ oz. and ¼ oz., 3s. 6d. per lb.

CANTHARIDES.—Usual small spot demand: spot, Russian, 6s. to 6s. 3d.; Chinese, 1s. 10d. to 2s. per lb., as to quantity; shipment rather dearer at 1s. 9d., c.i.f.

CARDAMOMS.—On spot there is no change to report with the limited stocks of all descriptions firmly held at recent prices. At the public auction held in London on Thursday, 91 cases were offered, consisting of Mysore and Mangalore bleached and a few cases of seeds. The limits were as follows: No. 1 bold, 5s. 6d.; medium, 4s. 9d.; smalls, 4s. 3d.; splits and browns, 4s. Seeds, 6s. 6d. per lb.

CASCARA SAGRADA.—There is a good deal of interest in the shipment market, although actual business has so far been small. There has been evidence of continued pressure to make sales at the source and for this reason cabled offers this week cover a wide range of prices, the lowest being 46s. and the highest up to 50s. per cwt., c.i.f., for minimum car-load lots. Opinion expressed in the cables that directly some good sales are made the market will recover sharply to recent higher values. On spot some 1936 peel has come to light and is offered in bond at 60s. per cwt. Old peel of 1933 and 1934 years quoted on spot from 70s. per cwt., duty paid.

CELERY SEEDS.—Dealers are quoting bulk supplies on spot at about 90s. per cwt., ex store.

CHAMOMILES.—Market is still dull. Last season's flowers on spot are quoted from 100s. to 120s. per cwt., as to quality.

COCOA BUTTER.—Values about level on the week: prime English, 11¾d. to 1s. 1d. per lb. Foreign, 11d. to 1s. per lb., as to quantity and quality.

CLOVES.—Market is quoted cheaper on the week, business remaining quiet: Zanzibar, spot, 9¾d.; shipment, July-August, 9¼d. per lb., c.i.f.; Madagascar, in bond, 8⅜d.; shipment, July-August, 8⅛d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended June 5 were 566, and the deliveries 3, leaving a stock of 4,520. From January 1 to date the landings of Zanzibar have been 4,745 and the deliveries 1,904. Landings of Madagascar for the week ended June 5 were *nil*, and the deliveries 82, leaving a stock of 4,660. From January 1 to date the landings of Madagascar have been 4,777 and the deliveries 1,450 packages.

COCONUT (DESICCATED).—At the further reduction the market is steadier but quiet: spot, fine, 21s. 6d.; medium, 20s. 6d. per cwt.; shipment, halves, June-July, 21s. 3d. per cwt., c.i.f.

COD-LIVER OIL.—Market remains firm and slightly dearer. Finest Lofoten steam refined, non-freezing medicinal oil, 99s. to 100s. per barrel, c.i.f. London. Small lots, on spot, about 135s. per barrel, ex store, duty paid. British finest medicinal oil is quoted at 110s. per barrel, delivered U.K., with rebates for 25, 50 or more barrels.

COLOCYNTH.—With holders of new crop requiring to shift some of their stocks the spot value of pulp tends slightly easier and it may be possible to book a quantity at 1s. 11d. Others are asking 2s. to 2s. 2d. per lb., as to quality and seller.

DERRIS ROOT.—Business on spot remains disappointing with values ranging from 9d. to 1s. 6d. per lb. ex store, the higher price for root testing 6 to 7 per cent. rotenone. Shipment offers, basis 17 per cent. ether extract, in the region of 7½d. per lb., c.i.f.

ERGOT.—Very little interest in this product at the moment. The small spot stocks of Spanish/Portuguese are held for about 5s. 10d. to 6s. per lb. Hardly any offers from the sources, but a bid of 5s. 2d., c.i.f., might be taken for not less than one ton. There is no news whatever as to the prospects of new crop Spanish.

GAMBOGE.—Some Siam pipe of good quality is quoted at about £13 10s. per cwt., duty paid. A shipment offered received at £11 per cwt., c.i.f.

GENTIAN.—Supplies of new crop are being quoted for shipment at £47 10s. per ton, c.i.f. The small spot stocks are held for about 57s. 6d. and up to 70s. per cwt. for cut root.

GINGER.—West African is about steady with spot at 62s. 6d. and to arrive at 55s. per cwt., c.i.f. Jamaican, spot, bold in barrels, 87s. 6d.; small grinding, about 62s. 6d. per cwt., in bags, ex store.

GUM ACACIA.—Business has been decidedly quiet this week, but the tone is keeping about steady, supported by the shortage of crop at the source, estimated from 25 per cent. upwards. Kordofan cleaned sorts, spot, 60s. to 62s. 6d.; shipment, prompt, 58s. 6d.; July, 59s. 6d. per cwt., c.i.f. Spot, bleached, No. 1, 110s.; extra, 120s. per cwt., ex store.

HENBANE.—The spot market has been dull, with the value at about 80s. per cwt., ex store.

HENNA.—A little more doing in this product. Egyptian green leaves, 30s.; brown, 27s. 6d. per cwt., ex store.

HONEY.—Business is still on the small side, but prices are keeping steady. Jamaican, 38s. to 50s. per cwt. for dark manufacturing to pale set. Haiti, 30s. in bond, and Guatemala 29s. to 30s. in bond, as to quality.

HYDRASTIS.—Small spot business with values steady at 13s. 7½d. to 14s. per lb. Shipment firm at 14s. 3d. per lb., c.i.f., for U.S.P. quality.

IPECACUANHA.—A limited inquiry on spot with Matto Grosso B.P. root at 6s. 9d. to 6s. 10½d. per lb., ex store. Slightly under B.P. test, 5s. 6d. per lb.

IRISH MOSS.—Dealers are offering spot supplies from 47s. 6d. to 62s. 6d. for good bleached, ex store.

JUNIPER BERRIES.—Spot supplies are offering at about 25s. to 30s. per cwt., as to quantity and quality.

LIQUORICE ROOT.—Dealers are offering spot supplies of natural root at about 12s. 6d. per cwt.

LOBELIA HERB.—This market remains dull, with ample supplies meeting with but little business. Spot is now quoted at about 6d. to 6¾d. per lb., as to holder and quality, for good quantities.

LYCOPODIUM.—Holders of spot supplies, which appear to be modest in size, are quoting from 5s. to 5s. 3d. per lb., ex store.

MANNA.—Spot supplies of finest selected flake, in 1-lb. tins, offering at about 3s. 9d. per lb., ex store.

MENTHOL.—The Japanese product is keeping fully steady, with K/S brands on spot at 12s. 10½d. to 13s.; in bond, 11s. 6d. to 11s. 9d. per lb. Japanese shippers quote June-July at 11s. 6d. per lb., c.i.f., with re-sellers at 11s. 3d. per lb., c.i.f. Shipment market firm.

MERCURY.—The London sales representatives for Spanish-Italian metal report a further alteration in the value of metal. Following last week's decline, the price has now been advanced, with the c.i.f. London quotation at £15 4s. per bottle (war risks included); spot, less than ten bottles, £15 5s. 6d.; ten bottles and over, £15 5s. per bottle, ex store. F.o.b. quotation is 74 dollars. The increase is stated to be due to the difficulties in covering war risks, for which higher rates are now quoted. Heavy shipments of Italian metal have arrived here, practically all of which were sold prior to arrival.

OPIUM.—Moderate sales, market steady. Turkish, original cases of 170 lb., 12½-13 per cent., 1s. 2d. Persian, 12 per cent., 1s. 1½d. per unit, landed and duty paid.

ORANGE PEEL.—Spot prices for thin cut Tripoli vary according to quality from 11d. to 1s. 2d. per lb., as to quality.

PEPPER.—Values are about level on the week, market remains quiet. Lampong, in bond, 3d.; shipment, August-October, 2 9/16d.; October-December, 2⅜d., c.i.f. Tellicherry, spot, 4½d.; shipment, August-October, 37s., c.i.f. Aleppy, spot, 4½d.; shipment, August-October, 35s., c.i.f. White Muntok, in bond, 6d.; shipment, August-October, 4¼d. per lb., c.i.f.

PIMENTO.—Market is quoted easier and remains rather slow: spot, 7d. per lb.; shipment, July-August, 57s. 6d. per cwt., c.i.f.

QUASSIA CHIPS.—Spot quotations for Florentine vary from about 32s. 6d. to 37s. 6d. per cwt., as to seller and quality.

QUILLAIA BARK.—Dealers are offering some whole bark at 25s. to 27s. 6d., and crushed bark at about 35s. per cwt., ex store.

RHUBARB.—Fair business in Rough Round description. Spot, all pinky, 1s. 10d.; three-quarters pinky, 1s. 9d. per lb.; shipment, ordinary, 1s. 6½d.; all pinky, 1s. 7½d. per lb., c.i.f. Shensi has been quiet, spot from 3s. 9d. to 4s.; pickings, about 2s. 9d. per lb., duty paid.

RUBBER.—At the further reduction the market is quiet and steadier. Standard ribbed smoked sheet, spot, 9 9/16d.; July, 9 9/16d.; August, 9⅝d.; September, 9⅝d.; October-December, 9 11/16d.; January-March, 9¾d. per lb.

SAFFRON.—Small sales with spot holders' prices for genuine Valencia steady from 62s. 6d. to 65s. per lb., as to quantity.

SARSAPARILLA.—The spot market continues practically bare of supplies of grey Jamaica. Red is offering from 1s. 1d. to 1s. 2d. per lb., ex store.

SEEDS.—ANISE.—Bulgarian, 42s., spot, duty paid. CANARY.—Spot Mayagan, 28s.; Turkish, 26s.; Plate, 25s.; Spanish, 40s. to 45s., all duty paid. CARAWAY.—Dutch is 36s., spot, duty paid; 31s., quoted f.o.b. Holland. CORIANDER.—Morocco old crop on spot is 15s., duty paid. New crop for June-July shipment is quoted at 11s. 3d., c.i.f. CUMIN.—No Malta is to be had on spot; 37s. 6d. c.i.f. is quoted for shipment. Morocco on spot is 42s. 6d., duty paid; old crop for shipment, 42s. 6d., c.i.f. FENUGREEK.—Morocco on spot offered at 14s., duty paid. MUSTARD.—English, 21s. to 32s. 6d. per cwt., according to quality.

SENEGA.—Fair business on spot, with holders asking 2s. 8d. per lb. Prompt shipment steady at 2s. 7d., with new crop, August-September shipment, 2s. 4½d. to 2s. 5d. per lb., c.i.f.

SENNA.—Inquiry is reported to have been a little better this week. Good green Tinnevelly leaves on the spot offer as follows: bold at 7d., No. 1 at 5½d., No. 2 at 3¾d., No. 3 at 2⅜d., No. 4 at 2½d. per lb. Manufacturing Tinnevelly pods continue in limited supply at 2¼d. to 2½d. per lb., ex wharf, London. Alexandrian: Present arrivals of new crop hand-picked pods show a considerable falling off in quality, particularly in size, and it would appear that the best lots have already been received on this market. Finest selected offer at 4s. 6d. to 5s., No. 1 at 3s. to 4s., No. 2 at 2s. 3d. to 2s. 9d., No. 3 at 1s. 6d. to 2s. per lb., with very small pods available at 1s. 2d. to 1s. 6d. per lb., ex wharf, London. Cheaper prices are quoted for parcels of old crop pods, and manufacturing pods in limited supply are at about 4d. per lb., ex wharf, London.

SHELLAC.—Market is quoted cheaper on the week. Spot, standard ribbed smoked sheet, 47s. to 51s.; fine orange, 65s. to 112s. 6d.; pure button, 62s. 6d. to 65s. per cwt. For delivery, TN, August, 46s. 6d.; October, 47s. 6d. For arrival, TN, June-July, 43s. per cwt., c.i.f.

SLIPPERY ELM BARK.—Slabs on spot would be about 1s. 6d.; grinding quality quoted at 6½d. per lb., ex store.

SQUILL.—Dealers' prices for small parcels range from 27s. 6d. to 28s. 6d. per cwt., as to quality.

STRAMONIUM.—Small spot business, with the quotation at about 35s. per cwt., ex store.

TONKA BEANS.—Supplies of fair frosted Para beans are available from 3s. 6d. to 3s. 9d. per lb., as to quality and quantity.

TRAGACANTH.—A moderate inquiry, chiefly for druggists' quality, with prices steadily maintained. Fine white ribbon, from £72 10s. to £74 per cwt., ex store.

TURMERIC.—Spot Madras is quoted at 23s. 6d. to 24s.; for shipment, June-July, 22s. 6d., c.i.f., is offered.

VALERIAN ROOT.—A small business in small parcels, with the value in the region of 35s. per cwt., ex store.

WAX.—BEES'.—There has been more offers of new crop at slightly lower prices. Calcutta, bleached, spot, 150s.; shipment, June-July, 146s.; ordinary quality, spot, 125s.; shipment, 118s., c.i.f. Abyssinian, 127s. 6d., in bond; shipment, June-July, 122s., c.i.f. Benguella, spot, 127s. 6d.; shipment, 122s., c.i.f. Conakry, spot, none offering; shipment, 122s., c.i.f. Dar-es-Salaam, spot, 137s. 6d.; shipment, 129s. per cwt., c.i.f. CARNAUBA.—Market is quoted unchanged and remains quiet. Fatty grey, spot, 172s. 6d.; shipment, afloat, 167s. 6d., c.i.f.; June-July, 166s., c.i.f. Chalky grey, spot, 167s. 6d.; shipment, June-July, 163s. 6d., c.i.f. Primeira, spot, good quality, 220s.; f.a.q., 215s.; shipment, June-July, 210s., c.i.f. Mediana, spot, 210s.; shipment, 205s., c.i.f.

Essential Oils, etc.

A FAIR miscellaneous business is reported, with the general tone steady. Bergamot is steady but quiet. Ho (Shiu) has been in good inquiry. Sicilian hand-pressed lemon is again dearer. Lemongrass is easier. Fair demand on spot for French Guinea orange. Japanese peppermint is fully steady as quoted. New crop neroli is being quoted.

ALMOND.—Limited inquiry, some offers at keen prices: English made, cwt. lots, 3s.; smaller parcels, up to 3s. 7d. per lb.; foreign, cwt. lots, 3s. 4d.; smaller parcels, 3s. 8d. per lb. French, bitter, 6s. to 6s. 6d. per lb., as to quantity.

ANISE (STAR).—Business has again been of small account on spot, shipment offers steady: spot, leads, 3s. 3d.; tins, 3s. 2d.; drums, 2s. 11d. per lb., ex store; shipment, June-July, tins, 2s. 10d.; drums, 2s. 8¾d. per lb., c.i.f.

BAY.—Small trade, values maintained: 49 to 50 per cent., 4s. 7½d. to 4s. 9d.; 59 to 60 per cent., 4s. 9d. to 5s. per lb., as to quantity.

BERGAMOT.—There has been a limited business in spot oil and some inquiry for shipment. Quotations, here and at the source, are being steadily maintained: spot, 14s. to 14s. 9d., as to brand and quantity, ex store. Shipment offers at 14s. 6d. to 14s. 9d. per lb., c.i.f.

BOIS DE ROSE.—Spot supplies of Brazilian oil are now quoted from 6s. 3d. for drums and up to 6s. 6d. for smaller lots. Still no shipment offers from the source.

CAJUPUT.—Business remains quiet: B.P., 2s. 1½d. to 2s. 3d. per lb., as to quantity.

CANANGA.—Very little interest in this product; keen quotations: spot, 6s. 3d. to 6s. 6d.; shipment, 6s. to 6s. 1½d. per lb., c.i.f.

CARAWAY.—Occasional inquiry, but actual business of any size is lacking: Dutch rectified, 8s.; crude, 7s. 7d. per lb., landed and duty paid.

CASSIA.—The shipment market is not receiving much inquiry, quoted at about 2s. 11d. for leads and 2s. 8d. for drums, c.i.f. Spot oil of good quality, 3s. 1d. per lb. in drums.

CEDAR LEAF.—Business remains very quiet with quotations of 4s. 9d. to 5s. per lb.

CEDARWOOD.—A fair amount of business continues with keen prices quoted for bulk quantities: African, in drums, 1s.; smaller packages, up to 1s. 3d. per lb. American, in drums, 1s. 1d.; smaller packages, up to 1s. 4d. per lb.; shipment, 11½d. to 1s. per lb., c.i.f.

CINNAMON LEAF.—Inquiry has been of small account for shipment with Ceylon oil quoted at about 3s. 1d. per lb., c.i.f., in drums. Dealers are quoting oil repacked in tins at about 3s. 7½d. per lb., ex store.

CITRONELLA.—The shipment markets for both sources are quoted rather easier with business quiet: Ceylon, spot, drums, 1s. 9½d. to 1s. 10d.; smaller parcels, up to 2s.; shipment, drums, 1s. 7½d. per lb., c.i.f. Java, spot, drums, 2s. to 2s. 1d.; smaller parcels, up to 2s. 4d.; shipment, drums, 1s. 8½d. per lb., c.i.f.

CLOVE.—During the past ten days there has been no firm offers for shipment of Madagascar oil and the price is nominally unchanged, but the market is regarded as much steadier: Madagascar, spot, drums, nominal; smaller packings, up to 4s. 10d. per lb.; shipment, nominal at 2s. 10½d. per lb., c.i.f. Zanzibar stem oil has been selling in the region of 3s. 6d. per lb., c.i.f. English distilled oil, cwt. lots, 6s.; smaller parcels, up to 6s. 3d. per lb.

EUCALYPTUS.—Conditions at the source continue very firm, due to lack of good supplies. Distant positions only quoted for shipment. Australian, 70 to 75 per cent., 1s. 7¾d., in tins, and 1s. 7¼d., in drums; 80 to 85 per cent., if available, 1s. 8¼d. per lb., in drums, landed; higher prices for small lots. Shipment, June-July, 70 to 75 per cent., 1s. 5¾d. in drums; 1s. 6d. in tins in cases; 80 to 85 per cent., October shipment, 1s. 6½d. in drums and 1s. 7d. per lb., c.i.f., in tins in cases.

Exports of Australian oil dropped from 123,047 gallons in 1934–35 to 115,732 gallons in 1935–36, but the value rose from £50,699 to £53,797. Of these totals, the United States took 42,181 gallons in 1934–35 and 34,292 gallons in 1935–36.

GERANIUM.—The shipment markets, particularly for the Algerian oil, are firm. It is estimated that the crop of African oil will be about 25 tons short of the average. The output of the Bourbon product is less than usual owing to the drought experienced since April last: Bourbon, spot, 18s. to 19s. 6d.; shipment, about 16s. 9d.; Algerian, spot, 17s. 9d. to 19s.; shipment, about 17s. per lb., c.i.f.

GINGERGRASS.—There is no trace of any bulk supplies of satisfactory oil on spot.

GRAPE-FRUIT.—The Florida oil continues firm, with the shipment market strong: spot supplies are quoted from 11s. to 12s. per lb. Californian oil is steady as quoted from 11s. to 12s. per lb., ex store. South African oil, if available, 15s. per lb.

HO (SHIU).—There has been a good volume of inquiry this week: spot holders of the very limited stocks are firm at 3s. 4d. to 3s. 6d. per lb. in drums. Repeated inquiry at the source for shipment offers bring no response.

JUNIPER BERRY.—Market has been dull, with quotations from about 2s. 9d. to 3s. 6d. per lb.

LAVENDER.—Values for old oil are unchanged, business of no account: French, 38 to 40 per cent., steady from 15s. 6d. to 18s. 6d. with blended oil at cheaper prices. Lavandin is quoted from 9s. 6d. to 11s. per lb., as to quality and quantity. There may be some cheaper sellers. New crop Lavandin is expected to open at slightly cheaper prices.

LEMON.—A careful survey of the London market shows that the value of the Sicilian hand-pressed oil is still tending upwards. This movement is influenced by the very strong reports that have come through from Sicily this week. The latest shipment offers for new crop genuine hand-pressed oil range from 13s. 3d. to 14s. 3d. per lb., c.i.f., which is a further sharp advance on the week. One source reported they are not offering and anticipate a price up to 17s., c.i.f., in due course for good oil, which, they state, is now in limited supply. Fair business is reported on spot and supplies are not nearly so freely offered. Now quoted from about 12s. 6d. to 14s. per lb., as to quality and quantity. Machine-made oil is also dearer at 12s. 6d. per lb., c.i.f. Californian cold-pressed oil is available on spot at prices from 7s. 6d. up to 10s. per lb., landed. Californian distilled regular quality is quoted at 6s. 4d. per lb., ex wharf.

LEMONGRASS.—This market has remained quiet and shipment offers are easier at about 1s. 6¾d. per lb., c.i.f.: spot oil of good quality would be about 1s. 10½d. to 2s. per lb., ex store.

MANDARIN.—The few shipment offers to hand this week indicate a strong and dearer market: quoted from 23s. 6d. to 24s. 9d. per lb., c.i.f. On spot dealers are quoting small lots at anything from 20s. to 23s. 6d. per lb., as to quality.

NEROLI.—Some new crop prices are now being quoted, and, as usual, they vary as to source, but in all cases the prices asked this season are on a higher level than last year, owing to the increased cost of flowers. Finest perfumers grade, new crop, from 28s. to 30s. per oz. Other grades range from 18s. 6d. to 25s. per oz.

NUTMEG.—The advanced prices recorded last week are being steadily maintained: English-made oil, 5s. 9d. to 6s. 3d. American oil, 6s. 1½d. to 6s. 4½d. Dutch, 6s. to 6s. 3d. per lb., as to quantity.

ORANGE.—A fair amount of spot business in French Guinea oil is reported and supplies of oil of good quality are now on the small side. Prices for drums are fully maintained at 6s. 3d. to 6s. 4½d. and small lots of repacked oil up to 6s. 7½d. per lb. Shipment offers are being made at about 4s. 11d. to 5s. per lb., c.i.f., and some business is reported. Tanganyika bitter oil is selling moderately well in the region of 8s. in drums, and Rhodesian sweet is quoted at 10s. 6d. per lb. Californian, small drums, 4s. 2½d.; tins in cases, 4s. 3½d.; single cases, 4s. 6d. per lb., ex store. Sicilian, sweet, shipment, 13s. 6d.; bitter oil, 10s. 3d. per lb., c.i.f.

PALMAROSA.—A little inquiry being received, market steady: spot, 10s. 9d. to 11s.; shipment, 10s. 3d. to 10s. 6d. per lb., c.i.f., for bulk quantities.

PATCHOULI.—Rather more interest in this market, particularly for Seychelles oil: Singapore, spot, 15s. 9d. to 16s., as to quantity; shipment, 15s. per lb., c.i.f. Seychelles, to arrive, quoted at 13s. 4d. per lb., c.i.f.

PEPPERMINT.—The Japanese product has been sold in good quantity on spot and the stocks are now in strong hands with the price firm at 5s. spot. Japanese shippers are quoting June-July firm at 4s. 10½d. to 5s. per lb., c.i.f., as to shipper. American natural oil is quoted for shipment at about 2 dollars 50 to 60 cents per lb., c.i.f., with the source reporting a firm market. Spot supplies are offered at comparatively cheap prices, with business quiet.

PETITGRAIN.—A limited business at steady prices. Spot, in cases, 4s. 3d. to 4s. 4d.; smaller packings, up to 4s. 6d. per lb. Shipment offers at 4s. 1d. to 4s. 2d. per lb., c.i.f.

ROSEMARY.—Spot holders' prices cover a wide range, according to the quality of the oil. Spanish oil from 3s. 6d. to 4s. 3d. per lb.

SANDALWOOD.—Genuine East Indian Mysore, 19s. per lb., in one-case lots on spot: oil described as East Indian is quoted from 17s. per lb., c.i.f., for bulk quantities. English-made East Indian, 22s. 6d. to 25s. per lb., as to quantity. English-made West Indian, 7s. 3d. per lb. Australian oil continues steady; five cases, 14s. 6d.; one case, 14s. 9d.; 7-lb. tins, 15s. 3d. per lb.

Exports for the first eleven months of 1936 from India amounted to 106,541 lb. as against 86,808 lb. for the corresponding period of 1935.

SASSAFRAS.—Values are unchanged on quotation, with good quality natural oil at about 3s. 7d. to 3s. 9d. per lb.

SPEARMINT.—Market is irregular on quotation: spot, 8s. 4½d. to 9s.; shipment, 7s. 4½d. up to 8s. per lb., c.i.f., as to brand.

SPIKE.—Market is sparsely supplied with genuine Spanish oil of good quality with holders selling at 5s. up to 5s. 9d., as to quality and quantity.

VETIVERT.—Small inquiry only for spot lots of Bourbon: quoted in the region of 26s. 6d. to 27s. per lb.

WORMSEED.—Market is steady, business fair. Spot, 12s. 3d. to 12s. 6d.; shipment, about 12s. 1½d. per lb., c.i.f.

Commercial Notes

CHINESE MENTHOL EXPORTS.—Exports of menthol to the United States from China through the port of Shanghai amounted to 9,600 lb., valued at $21,300 in 1936, compared with 7,200 lb., $14,900, in 1935.

PERU COCHINEAL EXPORTS.—From exports of 47,266 kilos valued at 53,042 soles in 1934, cochineal exports decreased to 42,649 kilos valued at 45,033 soles in 1935. France and the United States were the two largest purchasers in both years. Exports in the first ten months of 1936 were 31,975 kilos valued at 19,785 soles.

CHINESE MUSK EXPORTS.—Exports to the United States from China through the port of Shanghai amounted to 309.33 lb. valued at $34,136 in 1936 as against 406 lb., $48,152 in 1935.

PHILIPPINE YLANG-YLANG EXPORTS.—The only essential oil produced in the Philippines is ylang-ylang, which was exported in 1936 to the extent of 968 kilos valued at 18,674 pesos, against 861 kilos, 20,375 pesos in 1935. Exports are chiefly to France and Spain.

FRENCH CASEIN EXPORTS.—Shipments for the period January-June, 1936, totalled 8,297 tons, valued at 20,200 francs. The chief destinations were as follows:—

Country	Six months, 1935	Six months, 1936	Country	Six months, 1935	Six months, 1936
	Metric tons	Metric tons		Metric tons	Metric tons
Germany ...	3,375	2,271	United States...	45	2,625
Great Britain ...	2,085	1,812	Others ...	852	1,029
Netherlands ...	137	200	Total ...	6,733	8,297
Belgium ...	239	360	Value francs ...	17,700,000	20,319,000

TAIWAN CAMPHOR EXPORTS.—Total exports of Formosan camphor during 1936 were 21 per cent. higher than in 1935. Exports in 1936 and 1935 were as follows:—

Destination	1935		1936	
	lb.	Yen	lb.	Yen
Japan	2,411,235	2,360,464	2,880,412	2,818,940
Foreign countries ...	2,117,027	2,038,346	2,609,180	2,514,042

Shipments to the United States in 1936 amounted to 2,220,900 lb. valued at yen 2,096,430. The only other countries which imported appreciable quantities of Formosan camphor were Great Britain (281,820 lb.) and France (106,392 lb.).

GERMAN CASEIN IMPORTS.—Imports during the years 1931 to 1936 were as follows:—

	Metric tons		Metric tons
1931	15,760	1934	20,037
1932	15,789	1935	16,092
1933	16,431	1936	17,750

EGYPTIAN HENBANE, HENNA AND SENNA.—Exports of henbane for 11 months of 1936 totalled 276,000 kilog., valued £E.3,756, showing a substantial advance over the corresponding period of 1935. Production of henna increased also markedly, and exports during the same period of 1936 were valued £E.23,115. Senna is principally a Sudanese product and a very small quantity is grown in Egypt near the Sudan border. Egyptian senna exports for 11 months of 1936 amounted only to £E.17. Exports from the Sudan during the first ten months of 1936—according to the only statistics available—were valued £E.16,041.

DUTCH EAST INDIES QUININE INDUSTRY.—The total value of exports of cinchona bark and prepared quinine amounted to F. 10,722,000 during the first eleven months of 1936, a gain of about 60 per cent. over the same period of 1935. Bark exports increased from 5,517 metric tons to 8,663 tons during this period, and prepared quinine exports from 90 metric tons to 190 tons. The original quota established for the permissible exports of quinine sulphate in bark, permitted to be exported during 1936, during the regulations of the domestic "Cinchona Restriction Ordinance," amounted to 747,000 kilos; but in order to cope with the heavy demand for quinine throughout the world towards the end of the year, this quota was later increased by 71,500 kilos to 818,500 kilos.

JAMAICAN LIME AND ORANGE OILS.—Exports of lime oil for July-December, 1936, totalled 218 gallons valued at £1,461, of which 158 gallons (£1,117) were destined for the United States of America. During the same period, 4,488 gallons of orange oil valued at £8,231 were exported, of which 3,686 gallons (£6,721) were destined to the United States of America.

U.S.A. GLYCERIN TRADE.—The following are the latest figures of imports, production, stocks, etc.:—

	1936 (1st Quarter)	1937 (1st Quarter)
Imports:—	lb.	lb.
Crude	475,875	5,127,944
Refined	76,448	3,123,062
Exports	560,910	302,059

Grade	Production (lb.)		Factory and Warehouse Stocks (lb.)	
	Jan.–March, 1936	Jan.–March, 1937	March 31, 1936	March 31, 1937
Crude, 80% basis ..	32,378,581	47,166,143	6,921,475	11,065,542
Dynamite grade ..	10,423,521	15,771,939	12,734,962	15,407,284
Chemically pure ..	17,819,218	25,227,922	9,202,723	16,276,254

Sudan Gum Acacia Exports

BOXALL & CO. report shipments during March 1937 were 2,540 tons against 2,488 tons in March 1936. Shipments during January-March 1937 totalled 7,365 tons, compared with 6,690 tons in the corresponding period of 1936. The chief destinations were:—

Destination	1936			1937		
	January–February	March	Total	January–February	March	Total
Great Britain ...	932	610	1,542	806	655	1,461
U.S.A.	764	238	1,002	764	572	1,336
France	820	646	1,466	548	388	936
Germany ...	506	253	759	580	295	875
Italy	—	4	4	290	5	295
Belgium	295	80	375	264	105	369
Japan	236	153	389	771	17	788
Holland	149	110	259	93	100	193
Spain	33	34	67	—	—	—
Sweden	85	41	126	130	62	192
Australia ...	49	94	143	170	62	232
China	53	46	99	99	14	113
Canada	18	30	48	28	40	68
British India ...	1	10	11	35	26	61
Denmark ...	35	25	60	43	33	76
Finland	13	11	24	47	27	74
Poland	5	10	15	15	11	26
Greece	23	6	29	27	16	43
Egypt	17	14	31	10	21	31

The export figures are made up of the following quantities:—

	Hashab	Bleached	Talha	Total
March, 1936	2,272	7	209	2,488
March, 1937	2,115	16	409	2,540
January–March, 1936 ...	6,340	18	332	6,690
January–March, 1937 ...	6,525	29	811	7,365
Difference in 1937	+185	+11	+479	+675

FERTILISER PRODUCTION IN INDIA.—A bulletin published by the Government of India discusses the large-scale production of sulphate of ammonia and of superphosphate in India. It is stated that production of sulphate of ammonia is limited by the extent of the country's requirements of gas and metallurgical coke, but that not all the ammonia at present released by the destructive distillation of coal is being recovered. If the cost of manufacture of sulphuric acid is brought down, a large number of industries will, it is stated, be brought into existence, and it is believed that a flourishing superphosphate industry will help to bring down this cost. The bulletin discusses raw materials for the production of sulphuric acid. Deposits of gypsum are available on a large scale.

Correspondence

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

A Costly Building

SIR,—It was with the greatest interest that I read your remarks, in an editorial in the June 5 issue of your paper, with reference to the new "Home for Pharmacy." Now that the plans are published, one can properly assess the need, or otherwise, for such a palatial building. Close examination of the plans discloses the fact that about three-quarters of the space in the new edifice is to be occupied by the School of Pharmacy. This means that about three-quarters of the cost, that is, about £150,000, is to be spent on the new school. The balance sheet for last year's accounts showed that the school is already losing over £4,000 per annum, and in addition to this there is a charge of £3,966 for salaries of teaching staff included in the accounts of the research laboratories. It is not easy to understand who, in the research department, is in need of tuition, and it is only reasonable to expect that this is a charge for teachers in the school over and above those similar charges in the school accounts. This makes a total loss of over £8,000 per annum against an apparent loss of just over £4,000 shown in the balance sheet. The reason for this is not difficult to perceive, when one realises that the Society intends to spend £150,000 on new premises in which to house this already bankrupt business. We were told at the annual meeting that a mortgage has been arranged at 3½ per cent. This means that the school will have to meet an increased expenditure of £5,250 per annum for interest charges alone, irrespective of repayments. We can thus visualise a probable loss on the School of Pharmacy of over £13,000 per annum in the very near future, this being equivalent to 11s. 3d. per member per annum. The individual pharmacist must now ask himself this question: "Is the prestige given to me, personally, by a magnificent School of Pharmacy worth 11s. 3d. per annum?" I have little doubt of the answer. May I express the hope that you will, from now onwards, prosecute a campaign so intense that every individual pharmacist, even those who take no interest in pharmaceutical politics, will awaken to the fact that in the very near future his Society must, inevitably, call upon him for an increased retention fee (no longer a voluntary subscription), unless the members of the Society's Council are compelled to take their heads out of the clouds and deal with the new building and with the School of Pharmacy in a sensible and businesslike manner.—Yours faithfully,

F. C. WILSON.

Thornbury, Bradford.

Powers of the Statutory Committee

SIR,—The Statutory Committee is functioning, I see—and a good job too. It is a pity the Committee cannot exercise its powers beyond actual criminality, as one could visualise many ways in which a punitive Committee could purge pharmacy of some of its imperfections. I wonder if promoters of new Pharmacy Bills are providing for this eventuality. One of the most flagrant offences, in my view, is the readiness with which qualified men (and women) sell themselves to unqualified persons as "covers" for carrying on the business of pharmacy. One knows many instances of men who have, either through indolence or otherwise, never attempted to pass either of the statutory examinations but who have inherited or acquired a good-class pharmacy and formed a limited company. This acting as "cover" is certainly prejudicial to the interests of pharmacy and should be stopped. When the medicine-stamp duties question was before the Select Committee it was stated that firms carrying on a bazaar trade had only to engage a pharmacist in order to overcome any difficulties in selling poisons or pharmaceutical goods. This, of course, is mainly owing to the recognition of limited companies as "pharmacists," and cannot legally be ended under present conditions; but has the Statutory Committee no power to get at the individual in such cases? It is by doing things of that kind that the public are awakened to the fact that pharmacists are not merely shopkeepers. The undependable locum is another source of danger and even disgrace to pharmacy. If, however, a chemist could report an unsatisfactory locum to the Statutory Committee and the Committee would act, the accused person would not be able to spoil another man's business the genuine locum would be protected, and pharmacy would gain all round.

I am, etc.,

RETIRED (8/6).

Councillors, Old and New

SIR,—We are told in certain quarters that the spirit of democracy is a serious danger. One can readily understand the alarm of those holding such a view at any return to, or growth of, democratic ideals, for that would mean their own destruction. It is curious, however, to find this dictatorial dictum enunciated so openly at the first meeting of the new Pharmaceutical Council. The three new members must have felt somewhat embarrassed while the treasurer was exposing his innermost thoughts in public session. The newcomers, doubtless, were searching the recesses of their souls in an endeavour to discover whether they were pharmacists "of mature judgment and considerable experience in the Society's affairs." Perhaps the new element (which is obviously so alarming) introduced during the past two or three years will show that democracy is not really dead.—Yours, etc.,

EVER A VOTER (9/6).

Insurance Dispensing Contracts

SIR,—May I, as one who takes his contracts seriously, comment on part of the letter from "Nobby's Brother" appearing on p. 661 of your issue of June 5? I hope most chemists will agree that his "young chemist friend" has no business to be doing insurance dispensing at all. If his experience before the local committee which deals with cases under the testing scheme taught him nothing, it is certain that no collection of "strong men," sitting either on the Pharmaceutical Society's Council or the N.P.U. Executive, will ever save him from himself. A matter of 10 gr. of sodium bicarbonate, more or less, in a mixture may be considered among ourselves as a "trifling inaccuracy"; but the insurance committees which are responsible for the supply of these medicines are composed, as to 90 per cent. of their membership at least, of laymen who cannot be expected properly to assess the difference between an inaccuracy in dispensing sodii bicarb. and one where liq. strych. is involved. To the lay mind it is all "wrong dispensing." Each insurance committee is charged by the Minister of Health with the duty of maintaining within its own area an adequate and efficient pharmaceutical service for insured persons—who, it must be remembered, pay their own contributions to obtain the benefits secured to them. The Minister makes it a condition of the payment of funds to the committee that the chemists who supply drugs and appliances shall observe the terms of their contract. Can one wonder, therefore, that the committee requires some explanation from a chemist who has committed a breach of that contract, or would your correspondent expect it to adopt his young friend's attitude and "care not a jot about the N.H.I."? "Nobby's Brother" appears to be on the side of progress and desirous of improving conditions in pharmacy. Will he, therefore, tell his young friend that, by his light-hearted acceptance of the dispensing contract and his indifference to the manner in which he carries out its provisions, he confirms the Minister of Health in his (apparent) opinion that insurance chemists are getting at present all that their work is worth?—Yours, etc.,

PHARMACY'S SON (8/6).

A Union of Interests

SIR,—The unification of pharmaceutical interests in one corporate body, as adumbrated in Liverpool, is a sound idea, but at the moment the proposed constitution appears to be rather complex. Anything of that kind should be reduced as far as possible to extreme simplicity; and this may be achieved later on when "all avenues have been explored"—as the politicians are fond of saying. Many a dispensing problem has been solved and dozens of useful formulas have been evolved as a result of the work of that outstanding pharmacist, the late Mr. Harold Wyatt. Why cannot we have a revival in contributions to pure pharmacy?—Yours truly,

IN THE SOUTH (5/5).

Miscellaneous Inquiries

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them

E. M. Q. (8/6).—PARAFFIN EMULSION.—As a basis for an acriflavine dressing, we suggest you experiment with the following formula:—

Paraffin wax	88 lb.
Stearic acid	9 lb.
Triethanolamine...	3 lb.
Water	300 lb.

Mix the water, triethanolamine and stearic acid and heat to 100° C., allowing the mixture to boil gently. Then stir carefully so that a smooth soap solution is obtained with a minimum of foam. In a separate container melt the paraffin wax and bring its temperature to 90° C. Add the hot wax immediately to the boiling soap solution and stir vigorously until the wax is evenly dispersed. Continue to stir the emulsion slowly while cooling.

If too thick it may be further diluted by stirring in more water.

K. & S. and *H. R. T.* (3/6).—SODIUM CHLORATE AS WEED KILLER.—See *C. & D.*, May 29, p. 636. In the strength recommended it is not likely that the animal would be affected.

H. S. Y. (4/6).—SODIUM CHLORATE DANGERS.—To lessen the danger of fire with sodium chlorate weed-killer, it is now usual to mix with it a certain amount of sodium chloride and sodium carbonate. Sodium chlorate should be handled in metal containers, and any clothing or wood which has been wet or is saturated by the solution should not be allowed to dry before being washed thoroughly with water. While chlorate solutions are quite safe to handle and do not affect the skin, dry chlorate renders materials such as wood and clothing inflammable.

E. H. B. (7/6).—ETCHING GLASS.—The usual method is to coat the glass with wax, scratch a pattern in the wax and apply a cream consisting of equal parts of ammonium fluoride and barium sulphate reduced to a suitable consistency with hydrofluoric acid. Allow to remain for twelve hours and then wash off.

J. C. W. (5/6).—GETTING RID OF BATS.—The best way of dealing with bats is perhaps to arrange a curtain of wire-netting over the apertures in the roof of the tower. Observation will often lead to the discovery of the particular apertures used by the bats when they leave for their short crepuscular flights. If the curtains are fixed in readiness the moment can be waited for when the bats have left, and then the curtain can be lowered to prevent their return. Perhaps it is easier to drive the bats out by fumigation with sulphur dioxide than to wait for their daily departure, and then, after fumigation, the curtains can be lowered and fixed.

T. K. B. (4/55).—DAMIANA FOR COW.—The dose of powdered damiana for a cow would be about 1-2 drachms.

R. L. (8/6).—ORANGE NIGHT CREAM.—The following recipe is given in "Pharmaceutical Formulas," but we do not know whether it is in any way similar to the composition issued by the firm you mention:—

Lanolin	1 oz.
White soft paraffin	1½ oz.
Yellow soft paraffin	1½ oz.
Liquid paraffin	1 oz.
Hard paraffin	2 dr.

To be well milled. For perfume add synthetic neroli; for "lemon" add lemon juice while milling, the juice and liquid paraffin to be ½ oz. each. This formula gives a soft cream, which enables it to be absorbed without undue massage; it serves well as a tissue cream.

R. G. H. (8/6).—PERFUMED TOILET PAPER.—There are three ways in which toilet papers could be impregnated with disinfectant: (1) Storing the paper in a closed container in which the disinfectant is allowed to volatilise, (2) spraying the edges of the paper as it stands in piles, (3) passing the papers between rollers which have been moistened by drips of the disinfectant.

A. S. S. (1/6).—EFFERVESCING LEMON CRYSTALS.—We think you will find some difficulty in making effervescing crystals, since the crystal portion must be either tartaric or citric acid, to which must be added sodium bicarbonate. If you prefer an effervescing preparation you should proceed on the lines of a lemon kali, while if a crystal preparation is preferred a formula such as the following could be used:—

Tartaric acid in small crystals... ...	3 lb.
Granulated sugar	6 lb.
Oil of lemon	1½ oz.
Oil of limes	½ oz.
Alcohol (90 per cent.)	2 oz.
Lemon yellow	to colour.

Mix the flavouring and colouring (dissolved in the alcohol) with the granulated sugar, add the acid and dry the mixture.

Directions.—A 2-oz. packet of the crystals is mixed with 1 lb. of sugar and a pint of hot water added to form a syrup. More sugar is added to the crystals if it is desired to give a bulkier product.

L. M. (7/6).—RESTRICTED SALE OF STRYCHNINE.—The Report of the Poisons Board, paragraph 59 (p. 30), gives the reason which you seek in regard to the restriction of the sale of strychnine as a vermin killer: "The explanation of our recommendation that the retail sale of strychnine should be prohibited except as an ingredient in medicine (Rule 13), we would point not only to its well-known use as an instrument for murder but the frequent poisoning of hounds, domestic animals and wild birds from the negligent laying down of poisoned baits for vermin. As far as we are aware, strychnine is purchased by the public, except as a medicine, only for the destruction of vermin and the occasional destruction of domestic animals. The latter use is particularly callous, since the agony of strychnine poisoning is acute. We are advised that the interests of agriculture in no way require the use of strychnine for the destruction of vermin, and in fact that it is preferable that other substances, notably red squill, should be employed for the purpose."

S. R. W. (36/6).—SUNDAY TRADING.—Under Section 16 (2) of the Shops (Sunday Trading Restriction) Act, it is stated that "The Act does not extend to Scotland or Northern Ireland."

Retrospect of Fifty Years Ago

Reprinted from
"The Chemist and Druggist," June 11, 1887

Tinctura Ferri Muriatis

Prior to the publication of the British Pharmacopœia, the tinctures of ferric chloride used in England and Scotland were prepared in a different manner from the British Pharmacopœia tinctura ferri perchloridi. The Edinburgh Pharmacopœia tinctura ferri muriatis was prepared by digesting the brown oxide (or oxycarbonate of iron) in hydrochloric acid, rectified spirit being afterwards added. The London Pharmacopœia tinctura ferri sesquichloridi was a very similar preparation . . . . These old tinctures have always been preferred by some physicians; amongst them is Sir Charles Bell (Edinburgh). Writing to "The British Medical Journal" of last week, he expresses his surprise that no description of the Edinburgh tincture is to be found in Garrod's "Materia Medica." Christison in his "Dispensatory" states that it "is a favourite preparation with many for obtaining the tonic action of iron, and it is an exceedingly convenient form for administration . . . ." Dr. Bell adds that it has a powerful influence in purifying the blood, as is fully illustrated in its effect in zymotic diseases, more especially in erysipelas, diphtheria and puerperal fever. Clinical notes of cases are given in support of this statement, which Dr. Bell "considers enough to satisfy every unprejudiced and judicious person, and to show the egregious error of having ignored so precious a medicine and attempting to supersede it by the tincture of the perchloride, the medicinal properties of which are so much more limited, especially as a remedy in erysipelas and diphtheria."

A Useful Sideline

Grapefruit, Lemon, Lime and Orange Fruit Crushes

Prepared from selected tree-ripened fruit by a process which ensures

FULL VITAMIN CONTENT

FRUIT CELLS UNDAMAGED

FLAVOUR FROM BOTH PULP AND RIND UNIMPAIRED

per **12/6** dozen

SHOWCARD

Each bottle sufficient for 30 tumblerfuls; equally pleasant with plain or aerated water

Natural Fruit "Crush" Concentrates

(SWEETENED)

These Syrups which are ready for diluting or carbonating, contain a high percentage of natural Fruit Cells. One part of Concentrate is used to 5 or 6 parts of Water. For aerating, 1 oz. is sufficient for a "split" bottle.

List No.	per gall.	List No.	per gall.
P1 FRUIT COCKTAIL	5/9	P5 ORANGE CRUSH	4/6
P2 GRAPEFRUIT CRUSH, No. 1...	5/-	P6 PINEAPPLE CRUSH ... ... (Hawaiian, fine cells)	5/9
P3 LEMON CRUSH	4/6	P7 TANGERINE CRUSH... ...	5/9
P4 LIME CRUSH	5/9		

25 gallon casks 6d. per gallon less. Cask extra, returnable.

We have been Distillers of Essences and Manufacturers of Fruit Flavourings for the Mineral Water, Confectionery and allied trades for close on two centuries and we shall be pleased to send you a pamphlet describing our more recent introductions on receipt of business card.

BURGOYNE BURBIDGES & Co LTD
LONDON E.6.
Distillers of Essences since 1741

EPSOM SALTS
Commercial and B.P. Qualities also Powdered

Glauber's Salt
Commercial and B.P. Qualities and Desiccated

Zinc Sulphate
Commercial and B.P. Qualities

Zinc Chloride
Fused, Granulated and Liquid

WILLIAM BLYTHE & CO., LTD.
Holland Bank Chemical Works
CHURCH
LANCASHIRE

Hyposulphite of Soda *Pea Crystals*

Lead Arsenate
Paste and Powder

Precipitated Sulphur

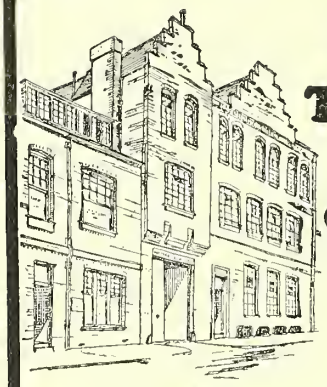
WEED KILLER
A list of our general Technical Chemicals sent on application

ROURA & FORGAS
14 SEETHING LANE, GT. TOWER ST.,
LONDON, E.C.3
Phone: ROYAL 3030

QUICKSILVER

Send your Enquiries to the SOLE IMPORTING BUYERS for the WORLD of the production of Quicksilver
of MINAS de ALMADEN, SPAIN

The Famous House for



PILLS TABLETS & CAPSULES

ESTABLISHED OVER 50 YEARS

PACKED OR IN BULK

★Overseas Enquiries Specially Solicited

CONSULT US FOR YOUR REQUIREMENTS AND OBTAIN THE BENEFIT OF SPECIALISATION

All our products are manufactured under the direct supervision of qualified chemists

HOWARD LLOYD & Co. Ltd.
LEICESTER MANUFACTURING CHEMISTS

GUMS
Acacia
Tragacanth
Karaya
Benzoin
Copal
Mastic
Damar

SHELLACS *and* **WAXES**
Japan Wax, White Bees Wax, Candelilla Wax, Carnauba Wax

Official Agents:
ANGELO BROS. LTD
SHELLACS

In natural and powder form

A.F.SUTER & CO. LTD
133 FENCHURCH ST., LONDON, E.C.3
'Phones, Mansion House 0347 (2 lines). Grams, Suteresin, Fen, London

ALKALOIDS

FINE CHEMICALS AND OPIUM DERIVATIVES

Goods covered by Dangerous Drugs Acts offered subject to all regulations

Aloin · Atropine · Bismuth Salts · Caffeine · Cantharidin Capsicin · Chloroform · Chrysarobin · Codeine · Diamorphine Emp. Canth. Liq. · Ephedrine · Ergotin · Eserine · Ethylmorphine · Gingerine · Hyoscyamine · Jalap Resin · Leptandrin Morphine · Opium · Podophyllin Resin · Salicin · Santonin Scammony Resin · Strychnine · Veratrine and other Pharmaceutical Chemicals and Preparations.

T. & H. SMITH LTD.

25 CHRISTOPHER STREET, LONDON, E.C.2

Blandfield Works, Edinburgh,
32-34 Virginia St., Glasgow

PETROLEUM JELLIES

WHITE, LEMON, YELLOW, AMBER, RED, GREEN.

WHITE & COLOURED OILS

YELLOW, GREEN, RED FOR BRILLIANTINE, etc.

LIQUID PARAFFIN

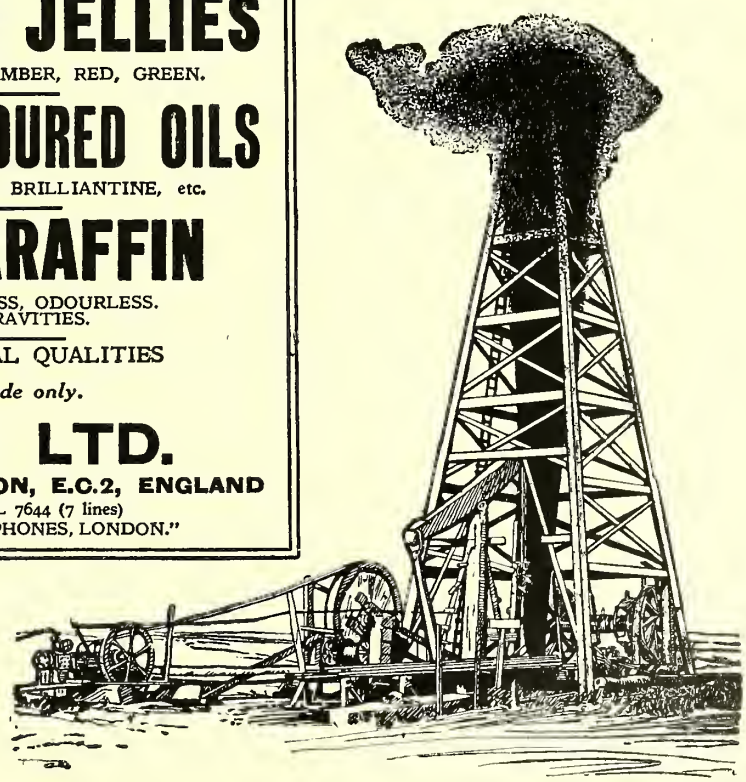
COLOURLESS, TASTELESS, ODOURLESS.
ALL SPECIFIC GRAVITIES.

B.P. AND TECHNICAL QUALITIES

Wholesale Trade only.

STERNS LTD.

16 FINSBURY SQ., LONDON, E.C.2, ENGLAND
Telephone: NATIONAL 7644 (7 lines)
Telegrams: "CENTUMVIR, PHONES, LONDON."



TRADE **'BENZEDRINE'** MARK

'Benzedrine' (β-Phenylisopropylamine or Isomyn) is issued in two forms only :—

1. As 'Benzedrine' Brand Inhaler, exhibiting the drug in volatile phase.
2. As 'Benzedrine' Brand Tablets for oral administration, in the form of the sulphate.

Neither of these preparations is advertised to the lay public.

Distributed by

MENLEY & JAMES LTD., 64 Hatton Garden, LONDON, E.C.1

for Smith, Kline & French Laboratories.

'Benzedrine' is the Registered Trade Mark of Smith, Kline & French Laboratories to designate their brand of β-Phenylisopropylamine (Isomyn).

FOR Drugs and Galenicals, for Patents and Tablets, for Packed Goods, for "Own Name" Specialities and the latest in Toilet Goods.

GOODALLS

GOODALLS (LEEDS) LTD., LEEDS, 1.
Tel.: 20435-9, 20430 (6 lines).

We are famous for QUICK DELIVERY—daily throughout most of Yorkshire.

Write for Quotations

INSECT BITE CREAM

Conveniently packed in collapsible tubes that can be carried in the pocket or handbag ready for immediate application.

Small, 5/6 doz. net. Large, 9/6 doz. net.

INSECT BITE LOTION

Made with industrial alcohol, is penetrating but rapidly evaporates providing a cooling application that affords quick relief or acts as an effective repellent.

In sprinkler top bottles, 2 oz. 5/6 doz. net. 4 oz. 9/6 doz. net.

Name and address printed Free on three dozen.

MANUFACTURED BY

C. J. HEWLETT & SON, LTD., 35/42 Charlotte St., London, E.C.2

50% PROFIT

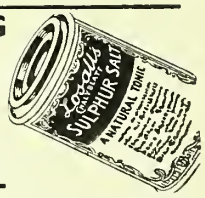
A LINE THAT IS WELL WORTH SELLING

LOSALL'S SALT

for GOUT, RHEUMATISM, ECZEMA AND SKIN AFFECTIONS

This chalybeate sulphur salt has a world-wide reputation. It makes an excellent window show—is worthy of your recommendation and is a most profitable line. Ask us for special display terms. Full size sample tin gladly sent on application to

LOFTHOUSE & SALTMER LTD.——HULL



'ENDRINE' HAY FEVER BONUS

13 TO THE DOZEN
FOR SHOWING
THIS CARD

As the pollen clouds spread over the country hay fever sufferers will be seeking the immediate relief which 'Endrine' brand Nasal Compound can procure. Attract these potential customers by displaying our card. 13 to the dozen terms are available from any wholesaler in return for a fortnight's display. Inspect your stocks and order NOW.

Sole Manufacturers:
PETROLAGAR LABORATORIES LIMITED, Oldhill Street, London, N.16.

Customer confidence assured —
WHEN YOU SUPPLY
Cephos
Pronounced See-foss REGD
THE PHYSICIAN'S REMEDY
CEPHOS LTD., BLACKBURN

STOCK and ADVISE YOUR CUSTOMERS TO USE
GABASOL

The non-poisonous, non-toxic disinfectant and germicide with a guaranteed Rideal Walker co-efficient of 4·5, which is recommended for :—

- GENERAL ANTISEPTIC USE
- PERSONAL HYGIENE
- ALLAYING EXCESSIVE PERSPIRATION
- PLEASING GERM DESTROYING ROOM SPRAY, ETC.

SAMPLES AND PRICES ON APPLICATION TO
GALE, BAISS & CO. LTD.
CANTERBURY ROAD, S.E.15
Telephone: New Cross 0094
Telegrams: Dreadnought, Peck, London

Proud Mothers are the best sellers of "LACTOGEN"

Every mother who has reared her Baby on Lactogen becomes a staunch advocate for this now famous food.

That is why Lactogen business is built on so strong a foundation and one of the chief reasons why profits on Lactogen increase so consistently year by year.

Nation-wide advertising is rapidly bringing in new users everywhere—giving all chemists the opportunity of building up a worth-while business in "The Better Milk for Babies."

Stock Lactogen and display it!

PER TIN **2/9** P.A.T.A.

Lactogen—prepared by Nestlé's—is a modified dried milk for use in infant feeding.

Copyright

SEND FOR PARTICULARS AND TERMS

To the Lactogen Bureau (Dept.AZ176), Nestlé's Milk Products Ltd., 6 & 8 Eastcheap, E.C.3.

Please send me particulars and terms of Lactogen.

Name.....

Address.....

.....

Dr Richard Weiss Preparations

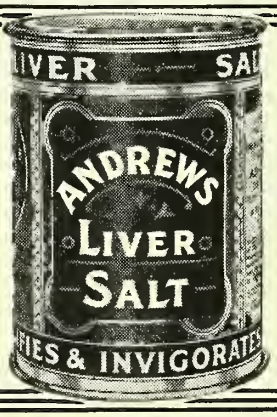
BEST SELLERS IN 70 COUNTRIES

VIRILINETS to restore Vitality in Premature Ageing.
PANCRESALETS the innocuous oral treatment in Diabetes.
GOUTOSAN to relieve Gout, Sciatica, Rheumatism.
ENERGETS Brain lipoid tablets for Nervous Exhaustion.
ERWESAL against Arteriosclerosis, High Blood Pressure.
LEANOGIN to reduce Weight, in Endocrine Obesity.

Interesting literature on request.

Direct Importers and Sole Distributors wanted in all countries.

NU-ORGANIC REMEDIES. LTD 2 FEATHERSTONE BDGS. H HOLBORN. LONDON, W.C.1



IN EVER-GROWING DEMAND

9d. & 1/4

32 empties (on an 8 weeks journey) **from a one shop business!**

That is what our London director reports. It is another instance of the popularity of Simpkins Chemists' Confections, and is typical of what is happening all over the country.

Simpkins Chemists' Confections give 70% on cost and they are worth your 100% recommendation.

If you are not handling Simpkins Products let us hear from you now.
What this chemist is doing you can do too.
Get in while the going's good.

A. L. SIMPKIN & CO., LTD.
Chemists' Confection Works, Hunter Road, Sheffield, 6

Simpkins GLUCOSE CONFECTIONS

MASON'S EXTRACT OF HERBS

WINDOW SHOW TERMS ARE NOW AVAILABLE

Apply for Illustrated Particulars to

NEWBALL & MASON Ltd., NOTTINGHAM

PATENT PHOSPHATES AND MERCHANDISE LIMITED

PURE RICE STARCH CRYSTALS

4-5 lb. Parcels and ½ cwt. Cases

New Pack ½ lb. Nett weight Packets

½ cwt. Cases

PURE POWDERED RICE STARCH

323-5-7 Corn Exchange Buildings, Cathedral Street, MANCHESTER 4

GLYCERINE

We are continuously carrying out research on the application of Glycerine to problems of manufacture. Can our experience assist you?

Write to:

GLYCERINE LIMITED

Unilever House, Blackfriars, London, E.C.4

'Phone: Central 7474 'Grams: Glymol, Telex, London

GET 77GZ-254A

"And it's really good, is it?"

Your advice to people who want 'something for a sore throat' will be all the more welcome if the preparation you suggest is pleasant to use. 'Dettolin,' which contains, amongst other ingredients, the active germicidal principle of 'Dettol,' not only destroys germs rapidly, but in both smell and taste is most agreeable. Its use can be advised with confidence in cases of septic and inflamed conditions of mouth and throat.

'DETTOLIN' BRAND

MOUTHWASH AND GARGLE

FORMULA

Dimethyl Chlor Phenyl Hydrate 1·02%, *Menthol* 0·12%, *Sapo Vegetalis* 0·5% *Tinct. Rosae Aromatica* 64·9%, *Elixir Glusidi B.P.C.* 6·0%, *Aqua dest ad.* 100. *vols.*

PRICE

1/6

RECKITT AND SONS LIMITED, (PHARMACEUTICAL DEPT.) HULL.
LONDON: 40, BEDFORD SQUARE, W.C.1.

Hospitals cure by Thermo-Penetration:- RHEUMATISM, NEURITIS, LUMBAGO, SCIATICA, VARICOSE ULCERS & ALL CONDITIONS OF PAIN.

"DUO-RAY"

Infra-Red Ray Apparatus

Perfectly Safe 28000 in Daily use

As supplied to:- London Hospital, King's Coll. " Guy's " Royal Free " St Mary's " London County Council, British Red Cross, Admiralty, War Office, Crown Agents, etc.

Send for Catalogue No/106

Price: 95/6 complete

13 Models

Manufactured by F.W. Read & Sons, Ltd., Telephone: TERminus. 4074.

175-9, Gray's Inn Road, London, W.C.1.

"HERNICURA" TRUSSES
(REGISTERED NO. 254807)
AND SURGICAL APPLIANCES
WE ARE SOLE PROPRIETORS
(Infringers will be prosecuted)
WILL BUILD UP YOUR TRUSS TRADE
DISTRICT SOLE RIGHTS GIVEN
Send for Illustrated Wholesale Price List
JEFFERSON & SON
"HERNICURA" TRUSS AND SURGICAL APPLIANCE SERVICE
ETON RD., WOOLWICH, LONDON S.E.18 PHONE: WOOLWICH 0607

There is going to be a big demand for
SOUTHALLS
"CELTEX" SOLUBLE
SAN TOWELS

Single 1D Cartons

ALSO MAKERS OF "ORIGINAL" & "K" SAN TOWELS

Prentif
THE NAME BEHIND THE APPROVED CONTRACEPTIVE PRODUCTS

"Prentif" Non-greasy Galatine Suppositories and the smaller "Prensols"—the approved chemical contraceptives for use with any mechanical appliance. Maximum spermicidal power, accurate melting point and many other improvements make these Suppositories the best obtainable. Very generous Trade Terms.

Particulars, Prices & Samples from:
PRENTIF LIMITED
Long's Court, St. Martin's St., London, W.C.2
Telephone: WHItehall 9270
SOLE AGENTS IN GREAT BRITAIN FOR HOLLAND-RANTOS CO. INC., NEW YORK, manufacturers of "Koromex" Products.
Supplied for retail sale only to Chemists and Druggists or Chemists' Wholesale Houses

HEWARDS
OF
TWICKENHAM
SPECIALISE IN ALL KINDS OF
SURGICAL APPLIANCES
Send your Enquiries to
THE
R. H. HEWARD CO.
CROWN ROAD WORKS
TWICKENHAM
MIDDLESEX
Telephone: Popesgrove 2243, 2244
Telegrams: Beltruss, Twickenham
or through your wholesaler

HYPODERMIC & SERUM SYRINGES & NEEDLES

WHOLESALE &

ESTABLISHED 1890

INSULIN & TUBERCULIN SYRINGES & NEEDLES

EXPORT ONLY

Manufacturers of :

Fivepoint Record

Fivepoint Glascord

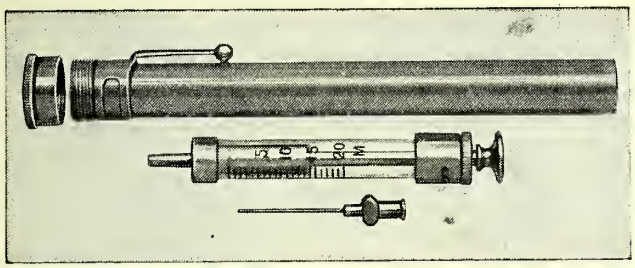
Fivepoint Two-piece Glass and other Syringes

BARRELS FROM ANNEALED GLASS OR PYREX GLASS

APPLY FOR : ILLUSTRATED LIST & PARTICULARS

Fivepoint Midget Syringe for Insulin Injections.

PYREX GLASS POSSESSES STRENGTH AND DURABILITY. IT DOES NOT CRACK OR BREAK WHEN SUDDENLY TRANSFERRED FROM 300° C. TO WATER AT 5° C. THIS ATTRIBUTE IS A BOON TO MEDICAL MEN, HOSPITALS AND INSTITUTIONS

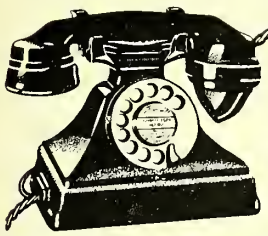


Broken syringes of any make can be repaired with Pyrex glass.

The latest Pocket Type—Spirit proof case—Hypodermic Syringe and Needle is known as **The Fivepoint-Midget.** The case dimensions are 5 inches long by ½ inch diameter, this being the size of the average Fountain Pen

APPLY FOR PARTICULARS

Telegrams: "TOURNIQUET," SMITH, LONDON **GENERAL SURGICAL COY., LTD., ROSEBERY AVENUE, LONDON, E.C.1** Telephones: TERMINUS 1046, 1047, 1048



For immediate supplies of

LANOLINE

(Adeps Lanæ)

B.P., U.S.P. & D.A.B.6

WOOL GREASE FATTY ACIDS, WHITE & HALF WHITE OILS B.P. PETROLEUM JELLIES, LIQUID PARAFFIN B.P.

phone Fulham 1194

THE PHARMACEUTICAL LANOLINE CO.

CARNWATH ROAD, FULHAM, LONDON, S.W.6

C.G.

SOARING SALES *that mean* **Increased Business FOR *YOU!***

Are you stocking the **LITESOME?**

The Litesome Supporter-Belt is a soft, woven garment that supports delicate stomach muscles, protects the vital organs, and enables the wearer to indulge in physical exercise without danger of injury. Made in two sizes, 28-34 and 34-40 inch waists. Washable, reversible, durable, hygienic. An ideal substitute for summer pants.

The popularity of the Litesome Supporter-Belt increases daily. Thanks to the extensive advertising campaign now in operation the merits of this unique garment are becoming known and appreciated by an ever-widening public. The Litesome has captured their imagination — they are *asking for it.* Their interest means more business, larger turnover, increased profits if you can supply the demand. Why not do your part in promoting a fitter Britain by stocking the Litesome NOW?

TRADE TERMS ON REQUEST.

MAYFAIR model **10/6**
Super quality material, with adjustable waist.

DE LUXE model **4/6**

POPULAR model **3/-**

FOR CONSTANT WEAR BY EVERY MAN

FRED. C. HURTLEY, LTD.

Health Appliance Dept.

Victoria Park Mills - - - KEIGHLEY

A fine powder plant for the smaller manufacturer.....*this*

GARDNER

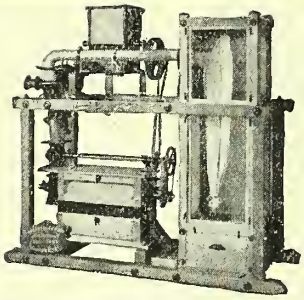
Patent Combined

FEEDING · GRINDING · SIFTING & DUST COLLECTING PLANT.....

will produce powders of the finest texture. Suitable for all kinds of Pharmaceutical preparations, fine Chemicals, etc.

Write for full details of this and other Gardner plant for the Chemist and Druggist.

WM. GARDNER & SONS (Gloucester) LTD.
BRISTOL ROAD, GLOUCESTER
Telephone: 2288 (2 lines)
Telegrams: "Gardner, Gloucester"



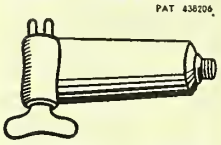
London: 19 Gray's Inn Chambers, 20 High Holborn, W.C.1
Telephone: Chancery 7347

BRITISH MADE

METAL SMALLWARES

of every description

ROLATUBE KEY
PAT 438206



NO MESS—NO WASTE

Can be used hundreds of times

Supplied stamped with your name and address as a permanent advertisement

Particulars on application

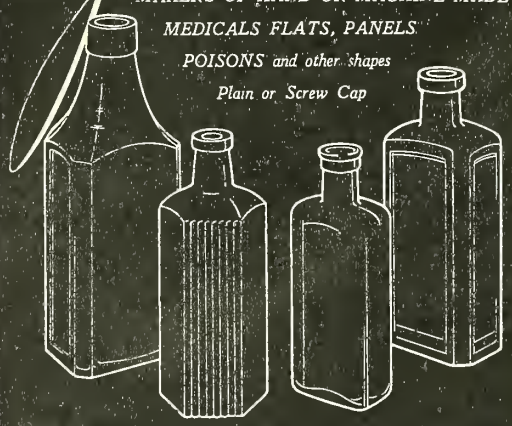
SEND FOR CATALOGUE

L. ELBOZ & SON

RAYON D'OR WORKS
94 FERNDENE ROAD,
LONDON, S.E.24. TEL: BRIXTON 3456

Glass Bottles

MAKERS OF HAND OR MACHINE MADE
MEDICALS FLATS, PANELS
POISONS and other shapes
Plain or Screw Cap

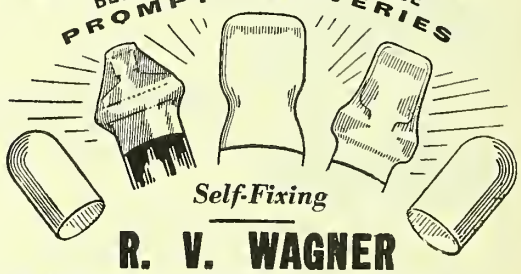


Special quotations to Manufacturers and Packers of Proprietaries

SAXTON GLYNNE BOTTLE CO. LTD.
FOUNTAIN GLASS WORKS. LIVERSEDGE. YORKS.

WAGNER'S DRY BOTTLE CAPS

BEST IN QUALITY & APPEARANCE
PROMPT DELIVERIES



Self-Fixing

R. V. WAGNER
33 BROOKE ST., LONDON, E.C.1 *Tel. Holborn 5090*

TAPERED, PYRAMID, DOMED AND FLANGE **CORKS**

COMPOSITION AND BAKELITE **STOPPERS**

THE MOST COMPETITIVE MANUFACTURERS IN THIS COUNTRY

MUNDET CORK PRODUCTS, LTD.
12/18 ABBEY ST., TOWER BRIDGE ROAD, S.E.1
Telegrams: MUNDETCOMP, BERM, LONDON
Telephone: HOP 2043-4-5

★ STAR LINES

Sherley Products enjoy a reputation second-to-none. Prepared by fully qualified analytical and pharmaceutical chemists, they are the remedies on which the public RELY and the public BUY.

SHERLEY'S

Tonic & Condition Powders
Cat Condition Powders
Skincure
Insect Powder
Cough Tablets
Fit Tablets

DOG and CAT

Canker Lotion & Powder
Veterinary Ointment
Nofol
Shampoo–Dry Shampoo
Dry Cleaner
Lactol & Lactol Biscuits

FOODS & MEDICINES

SHERLEY'S DOG & CAT BOOKS
Ready Sellers at 2d.

See that you hold adequate stocks. Trade terms are generous with special extra discounts of 2½% on £2 parcels plus a further 5% for window display. All show material free. A postcard brings full particulars.

A. F. Sherley & Co., Ltd.,
18 Marshalsea Road,
London,
S.E.1.

SURE TO SELL SU-CAN SOLUBLE

SANITARY TOWELS

Obtainable from your usual wholesaler.

ROBINSON & SONS, LTD. CHESTERFIELD & 168 OLD ST., LONDON, E.C.1

WE HAVE BEEN FITTING PHARMACIES FOR OVER 50 YEARS IN ALL PARTS OF OUR EMPIRE.

H. MILLS & SONS Ltd.

CHEMISTS' SHOPFITTERS AND SHOPFRONT MANUFACTURERS

163-5 OLD STREET, LONDON, E.C.

Let us design your Pharmacy.

Always a Large Stock of New and Second-hand Fittings.

SEND US YOUR ENQUIRIES.

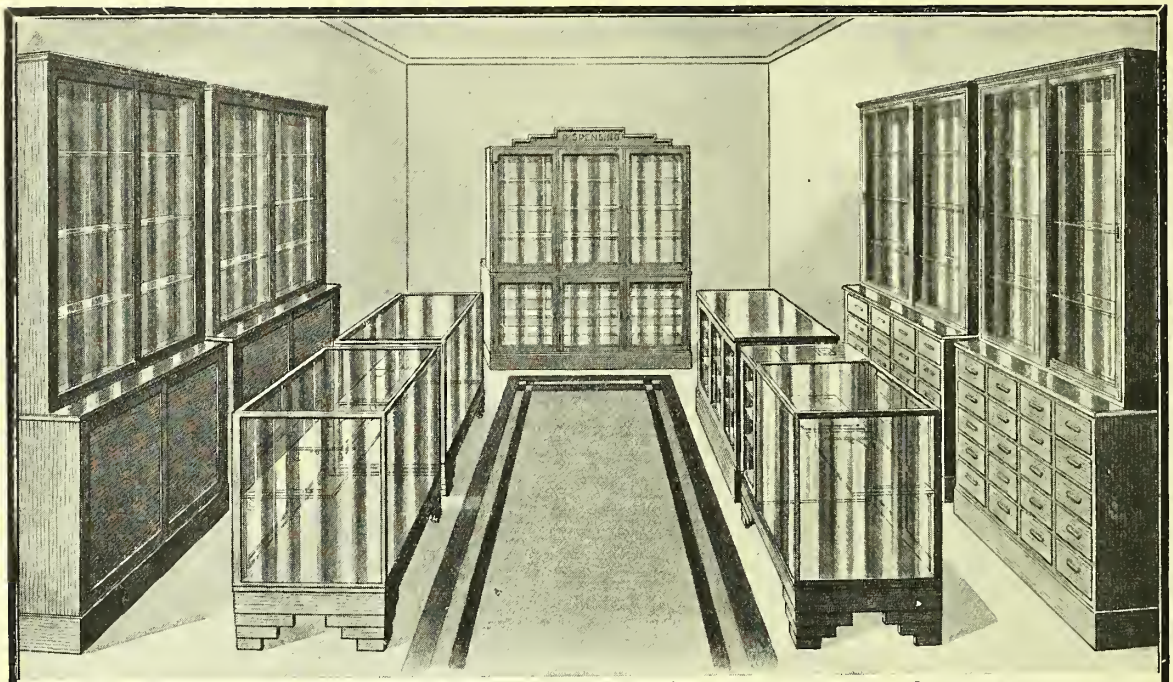
The famous "Town Talk" Liquid Silver Polish, Silver Plate Cloth, Liquid Pewter Polish, Chromium Plate Cloth, and Cut Glass Cloth, afford you five ways to a woman's purse. They are consistently advertised in women's newspapers and journals, and their qualities make them quick-selling, repeat-order lines.

Push the "Town Talk" 5, they yield a good profit and bring customers into your shop.

ORDER DIRECT OR FROM

MANCHESTER: D. Mawdsley & Co. James Woolley Sons & Co., Ltd.
LEEDS: Goodall, Backhouse & Co., Ltd.
LEICESTER: E. H. Butler & Son.
LONDON: Brooks & Warburton, Ltd. May, Roberts & Co., Ltd.
LIVERPOOL: Ayrton, Saunders & Co. Ltd.

THE TOWN TALK POLISH CO., MANCHESTER, 10



Your Shop can look like this — imagine this handsome set of Fixtures and Counters in your premises and remember they can be had for **£131.0.0**

Supplied immediately on deferred payments involving a small initial payment. Let us send you aur Catalogue No. C.D. 1740

DUDLEY & COMPANY, LIMITED, 451-3 Holloway Rd., London, N.7

City Showrooms: 65 Fore Street, E.C.

SUTTLEY & SILVERLOCK

(Branch of KELLY'S DIRECTORIES, LTD.)

CHEMISTS' PRINTERS

ANDOVER, HANTS.

WE HOLD A COMPREHENSIVE ASSORTMENT OF **STOCK LABELS** · SUPPLIED IN SINGLE 100'S IF REQUIRED

MEDICINAL	TOILET	POISON ACT
Liq. Paraffin	Brilliantine	Spirit of Salts
Glycerine of Thymol	Hair Cream	Liquid Ammonia
Chemical Food	Cold Cream	Salts of Lemon
Syr. Hypophos. Co.	Vanishing Cream	Oxalic Acid
Olive Oil	Setting Lotion	Caution. It is dangerous to exceed the stated dose
Glycerine	Sun Tan Oil	For external use only
Witch Hazel	Sunburn Lotion	Shake the Bottle
Perox. of Hydrogen	Calamine Lotion	etc.
Surgical Spirit	etc.	
etc.		

SENT POST PAID BY RETURN

[38/26]

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

JUNE 12, 1937

ADVERTISEMENT TARIFF

ALL ADVERTISEMENTS are PREPAID, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

BUSINESSES WANTED and for **DISPOSAL, PREMISES TO LET** and **FOR SALE, PREMISES WANTED, PARTNERSHIPS, GOODS** for **SALE** and **AGENCIES**—**6/-** for **50** words; every additional **10** words or less, **6d.** (Box No., **1/-** extra.)

SITUATIONS OPEN—**6/-** for **40** words; every additional **10** words or less, **6d.** (Box No., **1/-** extra.)

SITUATIONS WANTED—**2/-** for **18** words; every additional **10** words or less, **6d.** (Box No., **1/-** extra.)

LEGAL NOTICES, TENDERS, AUCTIONS, and all specially-spaced announcements, **1/3** per nonpareil line (12 lines = 1 inch single column). (Box No., **1/-** extra.)

MISCELLANEOUS (Wholesalers') Section for odd and second-hand lots—**10/-** for **60** words; **1/-** for every additional **10** words or less. (Box No., **1/-** extra.)

EXCHANGE COLUMN (for Retailers, etc.)—**Twopence** per word, minimum **2/-**. (Box No., **1/-** extra.)

REPLIES FROM ADVERTISERS—**1/-** per line; **3** lines **2/6.**

THE CHEMIST & DRUGGIST, 28 Essex St., Strand, London, W.C.2

Telephone: Central 6565 (10 *lines*). *Telegrams: "Chemicus, Estrand, London."*

CLOSING FOR PRESS

All advertisements intended for insertion in this Supplement must reach us not later than **FIRST POST THURSDAY MORNING**

ORRIDGE & CO.

56 LUDGATE HILL, E.C.4

ESTABLISHED 1846 *Telephone Nos.: CITY 2283 & 7477*

May be CONSULTED at their Offices on MATTERS of SALE, PURCHASE & VALUATION

We make no charge to purchasers, and invite intending buyers to communicate with us, stating their requirements

1.—EARLS COURT.—General Retail Business taking about £25 per week; scope for increase; valuable stock and fixtures; low rental; inclusive purchase price £600, £200 down and the balance by arrangement.

2.—CITY BUSINESS FOR SALE.—Old-established and in present hands 11 years; turnover over £1,500 per annum; excellent profits; valuable stock and fixtures; inclusive purchase price £750.

3.—CAMDEN TOWN.—Main Road Cash Retail Business; takings well over £40 per week; very valuable Lease; rent only £110 per annum; stock and fixtures worth £900–£1,000; inclusive purchase price £1,250.

4.—STRATFORD, E.—General Retail Business; takings approximately £2,000 for the last completed financial year; gross profit £700; rent only £65 per annum; price about £1,200 all at, or £850 plus stock at valuation.

5.—NORTH LONDON.—Wholesale Developing and Printing business for sale; scope for substantial increase; purchase price required £700; full particulars upon application.

6.—TULSE HILL.—Good-Class Business; established 62 years; net profit £300 per annum; new shop front; excellent living accommodation; garage; rent only £90 per annum; price £950 all at, or valuation terms entertained.

7.—SHEPHERD'S BUSH.—Branch business for sale; increasing turnover, last year being £1,106; net profit £300; good clean stock; attractive fixtures; rent and rates only £58 10s. per annum; price £500 all at.

8.—HARROW (NEAR).—High-Class Suburban Business with Photographic; established 14 years; takings over £2,700 per annum; good stock; excellent modern living accommodation; price £2,000 all at, or near offer.

9.—BATTERSEA.—Middle-Class Business with excellent Panel; takings under management last year £1,839; Vendors estimate stock to be worth £500 and fixtures £400; nice-sized house over; price £1,000 all at, or £100 plus stock and fixtures at valuation.

10.—PETERBOROUGH.—General Retail Business offering scope for considerable increase; takings about £1,000 per annum, plus 50s per week from Cigarette Machine; rent only £30 per annum; rates £10 per annum approximately; inclusive purchase price £500.

11.—BIRMINGHAM.—Retirement Vacancy.—Vendor over 60 years of age.—Middle-Class Business; takings last year £622; net profit £250; stock worth £150; lock-up shop; rent only £20 per annum; inclusive purchase price £200.

12.—ST. LEONARDS (NEAR).—Middle-Class Business; established 1803; takings last year £1,468; gross profit £625; net profit £408; nice living accommodation over with three bedrooms; rent only £85 per annum; price £1,000 all at, or £400, plus stock and fixtures at valuation.

13.—WESTCLIFF.—Very Good Middle-Class Retail and Dispensing Business with increasing turnover, present rate over £60 per week; Accountant's figures; stock worth £1,100–£1,200; valuable fixtures; rent £225 per annum; sublet £78 per annum; price required for the Lease, Goodwill and fixtures £1,250, stock at valuation.

14.—WILTSHIRE.—Retirement Vacancy.—Light Retail and Dispensing Business for sale; takings last year £626; net profit £163; Managing assistant employed; stock and fixtures worth about £580; six-roomed house over; rent only 10s. per week; price asked £750 all at.

15.—CHEAM (NEAR).—Middle-Class Retail Business for immediate disposal; established 10 years; takings over £1,500 per annum; net profit £400 per annum; stock worth £500; modern comfortable living accommodation; reasonable rental; inclusive purchase price £950.

16.—BALHAM.—For immediate disposal owing to Vendor leaving Pharmacy.—Old-established General Retail Business; takings last year £1,771; Accountant's figures; stock worth £620 and fixtures £265; nice living accommodation over; price £1,100 all at, or near offer, or valuation terms would be entertained.

17.—TOOTING.—Middle and Working Class Terrace Business for sale; takings last year, Cash £1,936, Panel £185; attractive fixtures; stock worth £400–£500; rent only £70 per annum; price required £1,350 all at, or near offer.

18.—ILFORD, ESSEX.—Retirement Vacancy.—Middle-Class Business offering scope for increase with the addition of Panel and Telephone; in present hands 30 years; takings present rate £14 per week; very low rental; price about £400 all at, or near offer.

19.—SIDCUP (NEAR).—Main Road Cash Retail Business; takings for year recently completed £1,859; gross profit £812; nice flat over with three bedrooms; long Lease; price £200 for the Lease and Goodwill, £250 for the fixtures, fittings, etc.; stock as required.

20.—THORNTON HEATH.—Middle and Working Class Business; established about 15 months; present rate of takings £18–£20 per week; premises situate in thickly populated area; rent of shop £55 per annum; inclusive purchase price £425.

Chemists' Transfers, Valuations for Sale, Stocktaking & Probate

Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants.

ERNEST J. GEORGE & Co.

Bank Chambers, 329 High Holborn, London, W.C.1
Telephone Nos.: Holborn 7406 & 7407 (2 lines)

15 Bridge Street, Walsall Telephone: Walsall 3774

Lancashire and District Representative: Mr. E. BROWN, 21 Davenport Road, Hazel Grove, Stockport. Telephone: Great Moor 2405

Correspondence, mutually confidential, is invited from prospective purchasers of the following businesses at present available for purchase.

(C1) HERTFORDSHIRE.—Modern Pharmacy with up-to-date flat above; reasonable rental; long lease; increasing turnover, now upwards of £3,000 per annum; net profit £600/£700; genuine reason for selling; price £2,200, or near offer.

(C2) LONDON, WEST.—Good-class business occupying prominent corner position; turnover £2,000/£2,500 per annum; gross profit approximately £650, with definite scope for increase; price £2,150, or offer; well recommended.

(C3) SURREY.—Old-established family and dispensing business occupying leading position in main shopping thoroughfare; owner retiring; turnover approximately £2,400 per annum, with definite scope for immediate and substantial increase; good living accommodation; reasonable purchase price; exceptional opportunity.

(C4) WEMBLEY (NEAR).—Good-class, lock-up Pharmacy, showing steadily increasing returns, now at the rate of about £43 per week; growing district; excellent scope; price approximately £1,300 all-at.

(C5) NOTTING HILL (NEAR).—Well positioned and extremely attractive, lock-up Pharmacy, situated in good-class district; turnover approximately £2,600 p.a.; reasonable purchase price.

(C6) EUSTON (NEAR).—Old-established, middle-working-class business, situated in busy main thoroughfare; for sale owing to retirement; average turnover approximately £2,250 per annum; net profit to owner-proprietor, £650; scope for increase; living accommodation; low rental; price £1,250, or near offer.

(C7) LONDON, S.W.—Established main road cash business, with increasing turnover, at present upwards of £2,000 per annum; net profit to owner-proprietor should approximate £500; good living accommodation; rent £78; good panel; price £1,100 all-at; quick sale desired for genuine reasons; early application strongly advised.

(C8) SUSSEX.—Steadily increasing, middle-class business, situated in country town; turnover upwards of £2,500 per annum; low rental; stock and fixtures worth approximately £850; price £1,700, or very near offer; nothing less entertained.

(C9) LONDON, S.E.—Main road business occupying prominent corner position; increasing turnover, now at the rate of approximately £2,300 per annum; net profit £550/£600; living accommodation; rent and rates £88 only; price £1,000 all-at; exceptional opportunity.

(C10) LONDON, E.C.—Old-established City Business with no near opposition; turnover for last year, £1,520; gross profit approximately £600; rent and rates £175; price £750, or near offer; owner retiring.

(C11) WOLVERHAMPTON (NEAR).—Old-established business with Wine Licence; turnover for last financial year, £1,626; gross profit nearly 40 per cent.; living accommodation with garage, etc.; low rental; price for quick sale £200, plus value of stock and fixtures; near offers considered; Owner has agreed to purchase, through our agency, a larger business in the South.

(C12) GRIMSBY.—(GENUINE RETIREMENT VACANCY.)—Exceptional opportunity to acquire old-established business, now doing over £1,000 per annum, exclusive of N.H.I.; gross profit £410; low rental; corner position; living accommodation; stock £350/£400; valuable proprietaries, etc.; £500 all-at will secure, representing less than value of stock and fixtures.

(C13) 72 EMMANUEL ROAD, BALHAM.—For immediate disposal the chemist's business with stock-in-trade, fixtures, etc., situated in midst of well populated, middle-class district; no near opposition; post office attached; good sub-lets, which leave a very low net reutal; turnover capable of considerable increase; best offer upwards of £350 accepted.

(C14) ILFORD.—Attractive and well-fitted Pharmacy, occupying prominent position; turnover upwards of £1,750 per annum, with good scope for further increase; present net profit approximately £425; excellent living accommodation; price £1,000, including good stock and valuable fixtures; near offer considered.

(C15) SURREY.—Unopposed lock-up Pharmacy, with a restriction against further competition over a large estate; at present under management; excellent scope under personal proprietorship; now doing at the rate of approximately £1,000 per annum; rent £52; long lease; price £450, including stock and fixtures estimated at £400; excellent opportunity for young, qualified chemist, or could be profitably conducted as a Drug Store.

(C16) PORTSMOUTH (DEATH VACANCY).—Drug Store occupying prominent position in working-class district; excellent scope; turnover for last year, £790; rent £45; small house above; price £550, including stock £300; offers considered.

(C17) ENFIELD.—Up-to-date, good-class business, situated in populous area; no near opposition; turnover approximately £1,300 per annum, with definite scope for increase; modern self-contained flat above; stock and fixtures estimated at £700; price £850 all-at or offer.

(C18) SOUTHEND (NEAR).—Middle-class business occupying main-road position; increasing turnover, now at the rate of approximately £1,900 per annum; up-to-date house with all conveniences; rent £160; definite scope; stock and fixtures estimated at £875/£900; price all-at £1,050.

(C19) KENT.—Unopposed and rapidly increasing middle-class business, situated in growing residential district; turnover for 1936/37, £1,800 approx., with definite prospects of increase to at least £2,500 within two years; living accommodation available if required; very reasonable rental; 21-year lease; genuine reason for selling; price £1,050, or very near offer.

Valuations for transfer, probate, income tax, etc., promptly executed at economical rates. Agency for locums, managers, etc.

BERDOE & FISH

CHEMISTS' VALUERS AND TRANSFER AGENTS,

41 Argyle Square, KING'S CROSS, W.C.1

(One minute from St. Pancras and King's Cross Stations.)

1.—SUSSEX COAST.—High-class Business, in key position of first-class residential district, unopposed, and offering plenty of scope; illness necessitates sale; fully stocked; price £1,000 or offer.

2.—NORTH MIDLANDS.—Light Family Retail and Dispensing, in good position; returns about £2,000, profits a third, audited figures; corner shop with flat over; rent £85; price £1,250.

3.—SUFFOLK.—Middle-class business, in growing district of large town; returns last 12 months £1,488, good profits; modern premises on main road; price about £800; Freehold £950 (optional).

4.—HERTS.—Light Family Retail and Dispensing business, in small market town; returns approach £1,300, at good prices; good living accommodation; price £650, or valuation terms.

5.—ESSEX (Large Town).—Light cash Retail with Photo and N.H.I.; returns £1,200, net profit £362; lock-up shop, well fitted and well stocked; rent £65 inclusive; price £600.

6.—SOUTH COAST.—Profitable cash Retail with good Prescribing and own packs; returns last year £1,468, net profit £408, audited figures; rent £85, good house; stock worth £400; price about £1,000.

7.—NORTHANTS.—Light country Retail business, showing steady increase; returns £835, net profit £200, rent and rates £68; convenient house; no qualified opposition; price £350, little more than valuation.

8.—SOUTH LONDON.—Good class suburban business, in main road; returns £1,275 increasing, profits good; smart modern front, excellent stock; price £900 or offer; stock can be reduced.

9.—HACKNEY.—Profitable light cash Retail, returning £1,500; good panel; net profit £300/£350; smart shop, with house and garage; stock worth £500/£600; price £1,000, or offer.

10.—LONDON, W.1.—Very profitable family Retail and Dispensing business, owner retiring; returns about £1,200; plenty of scope; low rent, long valuable lease; fully stocked; price £700 or near offer.

Lowest Terms for Stocktaking

Estab. 1870. Telephone: Terminus 3574.

THE ASSOCIATION OF MANUFACTURING CHEMISTS, LIMITED

(Business Agency, Transfer & Valuation Department)

KIMBERLEY HOUSE, Holborn Viaduct, LONDON, E.C.1 *and at* EXCHANGE CHAMBERS, 2 Bixteth St., LIVERPOOL.

PARKIN S. BOOTH, Valuer. *Tels.: CITY 3691 (4 lines).*

VALUATIONS. SALES OF BUSINESSES. STOCKTAKINGS.

Enquiries Invited.

BUSINESSES FOR DISPOSAL

BOURNEMOUTH SUBURB.—Business; good Private Dispensing, also N.H.I.; turnover £2,000, increasing; Kodak, Ucal, Selo, Innoxa Agencies; main road; double-fronted shop; nice living accommodation; rent £120 p.a., rates £19 p.a.; this is a sound proposition; lease, goodwill, fixtures, £850; stock at valuation, about £650; genuine buyers only, with bank reference. 104/41, Office of this Paper.

FIFESHIRE.—Old-established Chemist and Optician's Business must now be sold for family reasons; suit young man with small capital; double-fronted shop; rental £35, rates £11; returns under management £1,200 increasing; stock and fittings at valuation; no goodwill asked for quick sale. Apply 303/949, Office of this Paper.

LANCS town near Manchester.—Light Retail and N.H.I. Dispensing Business, at present averaging just under £800, has done over £1,000; situated in centre of town; Rent £49; well established; modern fixtures and well stocked; valuation terms about £500. 105/11, Office of this Paper.

LEEDS (near).—Middle-class Branch, returning over £21 a week; N.H.I. fees more than cover rent and rates; well fitted and stocked; price £650; reason for disposal: manager going abroad this month. 104/32, Office of this Paper.

LONDON.—Old-Established Business in main road; nicely fitted, good stock; turnover last year £1,400; rent and rates £75 per annum; price £100 plus stock and fixtures at valuation. 105/23, Office of this Paper.

LONDON, N.E.—Old-established Drug Stores; main road; turnover 1936 approaching £1,000; has done £2,000 and over; shop equipped mahogany fittings in first-class condition; good Photographic business; rent £90 p.a., including modern house; lease 14 years; good neighbourhood for N.H.I.; promising opening for M.P.S. 105/34, Office of this Paper.

LONDON, E.—Branch Business for disposal; returns under managership £13-£14 plus N.H.I., about 280 monthly; rent and rates £80, sublet £39; price £165. 105/38, Office of this Paper.

LONDON, S.E.—Drug Store in main road, showing £8 per week net profit; increasing; special reasons for selling; trial given; £250 s.a.v. for quick sale; no offers. 303/965, Office of this Paper.

LONDON, S.E.—48 years' established Business for sale in main road; price £950 for lease, goodwill, stock and fittings; sales £2,020; N.H. prescriptions about 5,000 per annum; double-fronted shop and upper part; rent £150; or will sell lease entire premises 55 years at £1,600; ground rent £28; bargain. Saunders & Golmick, 8 Carteret Street, Westminster, S.W.1. WHItehall 5570.

NORTH DEVON.—Residential suburb (growing rapidly) of prosperous market town; recently opened Drug Store; returns £395 under elderly Unqualified; no opposition possible; fine modern house and shop (shop partly sublet); grand opportunity, but qualification essential; practically on coast. 101/4, Office of this Paper.

NOTTS.—Nice position; good residential neighbourhood; no near opposition; well fitted and stocked; satisfactory reasons for disposal; established ten years; Kodak and Selo agencies; returns average £32 weekly and steadily increasing; price for quick sale, £800 or near offer. 104/31, Office of this Paper.

PORTSMOUTH AND SOUTHSEA (Outskirts).—Drug Store; excellent position, main road; net profit £4 per week under Unqualified management; increasing as district develops; no near opposition; Selo agency; opportunity for Qualified person; price £200, plus stock about £250; modern living accommodation; rent £75; freehold £1,250. Goldsmith, Broadway, London Road, Purbrook, Portsmouth.

SEVENOAKS.—Drug Store for sale, large shop, unopposed, main road; averaging £14 per week; good profits; fine opportunity; self-contained flat with garden; must be sold immediately, for genuine reasons; £225 all at (shop). 98 London Road, Sevenoaks.

SOUTH COAST.—Good-class Business, with large Toilet turnover; well fitted; in finest position; no N.H.I.; turnover £3,500, increasing; net profit £650; heavily stocked; capital required approx. £2,500; an exceptional opportunity; particulars on receipt of bankers' references. 104/5, Office of this Paper.

WEST RIDING, YORKSHIRE.—Old-established Dispensing and Family Business for Sale; turnover £900 to £1,000 per annum; rent and rates £43 per annum; Wine and Spirit Licence; purchase price, including stock, fixtures and fittings, £250 or nearest offer. Particulars from H. C. Hobson, Chartered Accountant, Town Hall Chambers, Leeds, 1.

CHEMIST'S Business in Liverpool suburb for disposal; excellent living accommodation; property can be sold or lease granted; stock and fixtures at valuation; takings approximately between £14 and £17 per week. Further details, Parkin S. Booth, Certified Accountant, 2 Bixteth Street, Liverpool.

DRUG Stores, East District of London; ideal for heginner Chemist; in a prominent and growing position; stock at valuation, and a few pounds for goodwill. 303/967, Office of this Paper.

FOR SALE.—Main road Business (lock-up shop), Peckham district, under management, is offered at low inclusive price of £50; premises are leasehold, portion sublet, covers rental; there is no Pharmacy within half-mile in one direction, thus offering good scope and opportunity. 105/28, Office of this Paper.

GOOD Family and Dispensing Business for disposal, situated in Main Street of Small Town (Lincolnshire); well stocked and nicely fitted; good Counter trade, Prescribing, N.H.I., Photography; excellent openiug for Optics; easily worked; long lease and very low rent; nice house attached; price, valuation of stock and fixtures, plus goodwill to be agreed upon. 104/14, Office of this Paper.

PARTICULARS OF BUSINESS.—Established 1922; location: 96 Golden Hillock Road, Small Heath, Birmingham; reason for sale, ill-health. I have been unable to attend personally for the past three years, the business being run under management and my wife's supervision; premises: double-fronted shop, with two rooms behind, also scullery and pantry; 3 rooms on next floor; also bathroom, h. & c., lav. basin and w.c.; large attic; present trade £700 in D. & P.—*all private and at full P.D.A. rates*—and £400 in sales; net profits under management £300, but £400 to £450 if proprietor working; audited accounts; equipment includes Kodak 7 x 5 Auto Focus Enlarger, good Horizontal Enlarger, 2 Printers, Turbine Washer, Tanks. Film Drying Cupboard, 2 Glazers, Dry Mounter, etc., and full equipment for handling 1,000 films weekly; shop well fitted with Glass-Top Counter and Gledhill Receipt-Issuing Till; rent 25s., plus rates 7s. 6d.; lease granted; or would sell property for £700. A TRIAL.—This will GLADLY be given to any genuine inquirer, who can then actually see what business is done. 104/25, Office of this Paper.

POST OFFICE, very easily worked; good pay; old-established Chemists' business, with Optical Department; Kodak and Ucal; Rates £20; has taken £40 weekly, but neglected under management; trial arranged immediately to genuine buyer; situated suburbs of Midland city; living accommodation; vendor's own property; lease or sell; genuine reason for disposal; splendid opportunity and bargain; confidential interview for full details. 304/968, Office of this Paper.

BUSINESSES WANTED

GENUINE.—Advertiser wishes to exchange his business for one in town, London or South; pleasant garden suburb, southern county; large garden, easily run, suit couple used to better "working class"; good Dispensing practice, private and N.H.I.; established 13 years; not in agents' hands. 103/4, Office of this Paper.

UNQUALIFIED wants to purchase Drug Stores or mixed Business, London, any district, busy position with rooms and garden if possible; neglected business might suit if busy position; state rent, rates, turnover, profits, etc., lowest cash price quick sale; private applicant, bank reference given; double-fronted shop preferred. 103/3, Office of this Paper.

PREMISES TO LET

BRIXTON, adjoining Astoria Cinema and Multiple Shops; rent £150 per annum; plans, etc., from Hopwood, 14 George Street, Hanover Square, W.1. Mayfair 3685.

CATFORD.—New shop to let adjoining large new Estate; particularly suitable for Chemist; £155 per annum, including living accommodation over. Wates, 1258 London Road, Norbury. Phone Pollards 4401.

LOUGHBOROUGH, LEICESTERSHIRE.—Modern Shop to Let; central position; suitable for good-class chemist; moderate rent, including central heating and flat, £130 per annum. Apply Gartons, Auctioneers, Loughborough.

SOUTHAMPTON.—Exceptional opportunity to open first-class Pharmacy, Photographer, Optics, etc., in new shop, in undoubtedly the best position in Southampton (adjoining Ingersolls, Currys, Bata, etc.); rent £240 per annum; positive need for business and immediate trade assured; premises ready about September. Particulars, plans, etc., East Bargate Development Co., 2 Bargate, Southampton. Phone 3406.

LAST TWO SHOPS to Let in new high-class parade, husiest part of Streatham High Road; £120 and £200 per annum. Apply Letting Manager, 7 The High Parade, Streatham High Road, 'phone Streatham 9627; or Bell Investment Trust Ltd., 115 Park Street, Mayfair, W.1, 'phone Mayfair 4201.

STARTING A NEW BUSINESS? Here's just the place. Single-fronted shops in a new block of modern flats; 200 residents already and room for more! Busy thoroughfare in Richmond and reasonable rentals. Apply, "Plus Flats" Area Office, Lichfield Court, Sheen Road, Richmond, or Central Letting Office, Terminal House, Grosvenor Gardens, S.W.1.

TO LET at 18s. per week.—Modern shop in growing country town, situated in local shopping centre with one room and conveniences, etc.; all main services fitted; opportunity for Chemist, scope also for photography; house available opposite. Apply, W. H. Lee & Co., 21 High Street, Ware, Herts. Tel. 61.

PREMISES FOR SALE

GOOD Business or Private House for sale; well situated central position village of Ramsbury, Wilts; 42 ft. frontage, 4 bedrooms, electric light, nice garden, bounded by River Kennet; good opening for Chemist or Hairdressing; possession on completion. Full particulars, apply Pullen, Ramsbury, Wilts.

APARTMENTS

THE HAMPDEN RESIDENTIAL CLUB

FOR GENTLEMEN, Hampden Street, N.W.1. Close to King's Cross and Euston. 300 Bedrooms, 15s. to 22s. 6d. per week, including bath, attendance and boot cleaning. All meals à la carte in dining room. Moderate tariff. Large Club Rooms, Library, Billiards Room, Reading Room and Study for Students. Illustrated Prospectus from Secretary. Euston 2244/5.

SALE BY AUCTION

By Order of Messrs. L. R. Guest, Ltd., the Property having been Sold.

TOOTING BROADWAY.

The STOCK and TRADE FIXTURES of this well-known Firm of Chemists and Druggists, including Drugs, Patent Medicines, Perfumes, Soaps, Powders, Brushes, Combs, and General Proprietary Goods, Drug Runs, Nests of Drawers, Wall Showcases, Counters, Personal Weighing Machine, Shop Rounds, Dispensing Screen, Safe, etc.

B. NORMAN & SON

will sell by Auction on the Premises, Thursday next, June 17, at 12 Noon. View Day Prior.

Telephone: NAT. 6463.

Catalogues of the Auctioneers, 5 Little Britain, E.C.1.

APPOINTMENTS

CITY OF BIRMINGHAM PUBLIC ASSISTANCE COMMITTEE

BIRMINGHAM INFIRMARY

PHARMACIST

APPLICATIONS are invited from holders of the M.P.S. qualification for the post of Pharmacist at the Birmingham Infirmary, Western Road, Birmingham. Attendance will be required from 9 a.m. to 5 p.m. on weekdays and 9 a.m. to 12 noon on Saturday. Scale of salary £220, rising subject to satisfactory service to a maximum of £260 per annum (non-resident). The salary of the successful candidate will be fixed within the scale according to qualifications and experience. The successful candidate will be required to pass a medical examination and the salary will be subject to deductions for superannuation purposes.

Applications stating age, experience, etc., and accompanied by three recent testimonials, must be forwarded so as to reach the undersigned not later than Thursday, June 17, 1937. Canvassing in any form, oral or in writing, direct or indirect, will be regarded as a disqualification, and applications and testimonials or copies thereof may be sent to the undersigned, but are not to be sent to members of the Committee or of the Council.

F. H. C. WILTSHIRE,
Town Clerk.

Council House,
Birmingham 1.
June 1, 1937.

COUNTY COUNCIL OF MIDDLESEX

PHARMACIST (non-resident),

CLARE HALL SANATORIUM, SOUTH MIMMS

APPLICATIONS are invited for the above pensionable appointment. Salary £250 per annum rising by annual increments of £12 10s. to £325 per annum.

Candidates must be graduates in Pharmacy of a recognised University or hold one of the qualifications of the Pharmaceutical Society of Great Britain. The officer appointed will work under the direction of the Medical Superintendent, and will devote whole time to the duties of the post, which will include simple pathological work of a routine character. The appointment, which will be subject to medical examination, will be held during the pleasure of the Council and is terminable by one month's notice on either side.

Applications, stating age, qualifications and experience, together with copies of not more than three recent testimonials, must be received by the undersigned not later than June 26. Relationship to any member or officer of the Council must be disclosed in the application. Application forms are not provided. Envelopes must be endorsed "Pharmacist, Clare Hall Sanatorium, 'L.1.'"

Canvassing, directly or indirectly, will be a disqualification.

C. W. RADCLIFFE,
Clerk of the County Council.

Middlesex Guildhall,
Westminster, S.W.1.
June 3, 1937.

AGENCIES

AUSTRALASIA

MANAGING Director, at present in England, of up-to-date and energetic organisation, would appreciate inquiries of firms desirous of obtaining active Representation; payment cash in London. 88/7, Office of this Paper.

AGENT required for North-East England and Scotland by first-class Essential Oil House; must have connexions with Manufacturing Perfumers, Soap Makers, Confectioners, etc., and a knowledge of Essential Oils preferred; commission and expenses. Write stating full particulars to 303/952, Office of this Paper.

AGENTS required to introduce to Chemists a new non-competitive proposition of proved appeal, showing liberal discount to retailer and carrying no stocks; must have car; commission basis. Reply stating territory covered. 103/1, Office of this Paper.

COMPANY REGISTRATION

WHEN a man has been doing one thing well for over a quarter of a century, he should be just the man you need, so if you have any intention of turning your Pharmacy or any business you may own into a Limited Company of two or more persons write for my quotation and full details. 400 chemist companies registered.

A. B. SLACK,
721 PRINCESS ROAD, MANCHESTER 20.

FINANCIAL

WANTED, a Financial and Managerial interest in a sound, dividend-earning proprietary business; capital up to £5,000; advertiser is an able, widely experienced Sales and General Manager; principals only. 103/10, Office of this Paper.

EDUCATIONAL

QUALIFIED Chiropodists (M.N.I.Ch.) required immediately. Write or call, Employment Department, 90a, National School of Chiropody, 133 Upper Street, London, N.1.

LEARN CHIROPODY.—Graduates of the National School in great demand; 463 already placed in good salaried positions; many appointments still vacant; also good openings for private practice; full qualification (M.N.I.Ch.) in six months' intensive course under expert medical and technical staff, with exceptional practical training in world's largest Foot Hospital; moderate fees; new term commencing shortly. Write for prospectus to National School of Chiropody (Dept. 90), 133 Upper Street, London, N.1.

SITUATIONS OPEN

RETAIL (HOME)

BIRMINGHAM.—Qualified Man, young, energetic; capable of taking charge of branch. State age, experience, and salary required, Wilkins, 359 Birchfield Road, Perry Barr, Birmingham.

BRIGHTON, residential district.—Unqualified male Assistant required shortly, permanency; must be accurate Dispenser with knowledge of Window-dressing, courteous and attentive at the Counter. Please state age, experience and salary, photo if possible. 105/10, Office of this Paper.

GREAT YARMOUTH.—Holiday relief, three weeks; Junior, young; Counter chiefly; no extra duty; hours 10 a.m.-7.30 p.m., liberal mealtimes, outdoors; fare paid; good references. T. L. Drabble, Southtown, Great Yarmouth.

KENSINGTON.—Experienced Manager required immediately; good appearance essential; wages £5 per week plus commission; kindly send photograph and copy testimonials in first instance. Apply 303/957, Office of this Paper.

KENT COUNTY COUNCIL—Locum Pharmacist (male) required for the period August 4-26, 1937, inclusive; Hospital experience preferred; salary £6 6s. per week. Applications stating age, qualifications and experience and accompanied by testimonials to be forwarded forthwith to the County Medical Officer, Public Health Department, Sessions House, Maidstone.

ILFORD, ESSEX.—Manager required for Family Business taking £30-£35 per week; wages £4 per week and nice living accommodation; excellent opportunity for the right man; send references and photograph in first instance, please. Apply 303/959, Office of this Paper.

LIVERPOOL, Qualified Manager; energetic, capable, trustworthy. State age, salary required, and when free. Send references with photo and stamped addressed envelope for its return, 104/17, Office of this Paper.

LONDON.—Qualified Assistant (permanent), also Qualified Assistant for three months for holiday relief work; middle-class trade. Give particulars of experience, names of references, when disengaged, age and salary expected. Apply (letter only) Chemist, 37 Sydner Road, London, N.16.

LONDON, E.—Qualified Assistant required, easy berth. Apply by letter stating salary required. 105/14, Office of this Paper.

LONDON, E.—Qualified Assistant required; light Counter and N.H.I.; possible permanency. State age, experience, references and salary required. 105/42, Office of this Paper.

LONDON.—Qualified Junior required for business in S.E. district; permanency. State experience and salary required, Briggs, Chemists, 126 Hoe Street, Walthamstow, E.17.

LONDON.—Qualified Manager or Assistant (male or female) required immediately as locum or permanent; light duties; suit elderly or just Qualified M.P.S. 105/19, Office of this Paper.

LONDON, N.1.—Qualified Assistant required for middle-class Retail Pharmacy; experienced N.H.I. Dispenser with knowledge of Photography and Counter; permanency. Interview or write, Braun, 51 St. Peter's Street, Islington.

LONDON, N.W.10.—Qualified Man, young and energetic, to Manage branch. State age, experience, and salary required to 304/969, Office of this Paper.

LONDON, S.E.—Qualified man for middle-class Retail; usual N.H.I., Counter and Photographic business; last man seven years. Please state age and usual particulars to 104/37, Office of this Paper.

LONDON, S.E.—Young Qualified man for Dispensing, Counter and Window, well up in photographic and to quick cash business outdoors, good Window-dresser; hours 8.45 to 8, with all day off one Thursday in four; Scholl experience preferred but not essential. Apply by letter in first instance giving full particulars and stating salary required and when disengaged to Milner, 209 Trafalgar Road, Greenwich.

LONDON, W.—Male Unqualified Assistant, at once; competent Window-dresser and Salesman, knowledge of Photography, accurate Dispenser; two others kept. State age, experience, reference and salary required to Shirtliff & Co., Chemists, 66 Goldhawk Road, Shepherd's Bush, W.12.

LONDON, W.1; Junior Assistant required; must be smart at the Counter. Full particulars of experience and salary required to 104/19, Office of this Paper.

MANCHESTER.—Qualified, experienced Managers required for branches; good Window-dressers, accustomed to Toilets and Photographic; knowledge of Optics an advantage, though not essential. Write, stating age, height, experience, wage, photo (if possible), 104/28, Office of this Paper.

MANCHESTER.—Smart Qualified wanted with good knowledge of optics; must be able to do Sight-testing and fit frames; good Window-dresser and Counterman. Apply, giving full details of experience, age, salary required and enclosing copy testimonials, to 105/15, Office of this Paper.

MONMOUTHSHIRE MENTAL HOSPITAL, Abergavenny. Wanted, a Qualified male Dispenser, must have knowledge of Photography; salary £260 per annum, subject to the provisions of the Asylums' Officers' Superannuation Act, 1909. Applications stating age, qualifications and experience, and accompanied by two recent testimonials to be sent to the Medical Superintendent by June 18.

ST. ALBANS.—Wanted at once, Junior Assistant for Counter and Dispensing. Shields & Warren, 7 London Road, St. Albans.

SOUTH KENSINGTON.—Qualified Assistant wanted at once. Apply by letter in the first instance, giving age, height, experience and salary required. A. D., 13 Gledhow Terrace, S.W.5.

SOUTH STAFFORDSHIRE.—Capable and energetic Qualified Chemist wanted for business in industrial district; alternate Sunday duty 2 hours. Replies must state salary required (to live out) and a photograph must be enclosed; Dispensing and Counter chiefly; permaneut. 303/966, Office of this Paper.

STOCKPORT.—Qualified Chemist-Optician required for branch in good working-class district; living accommodation attached to shop; permanency for capable business builder; salary, £4 per week, plus 25 per cent. on nett profits on all optical tests; free rent and electricity. Apply, 104/33, Office of this Paper.

STAFFORDSHIRE.—Required immediately, Manager with good experience to control general Retail business taking about £30 per week; wages £4 a week plus commission, to bring total to practically £5 per week; references and photograph with applications, please. Apply 303/958, Office of this Paper.

WARWICKSHIRE.—Qualified lady required to manage small branch in industrial district; pleasant job, good hours, no Sunday or half-holiday duties; must be good Dispenser. Send full particulars, experience, salary required, when disengaged, copies references, photograph, to L. H. Lester, Rexall Pharmacy, Nuneaton.

WEYMOUTH.—Competent Junior Assistant, Unqualified, for season; preference to one with practical D. and P. experience, although post is chiefly for Counter and Dispensary. Photo to Gregorys, 75 St. Thomas Street, Weymouth.

A.A.A.A. SUITABLE Situation for young Assistant or Improver, either sex. Phone Edgware 4545, L. Garfield, 5 North Parade, Mollison Way, Edgware, Middlesex.

A.A.A. M.P.S. and family are offered the use of convenient maisonette (sleeping four) from about August 8, in return for services in Pharmacy, Belgravia; very central; would suit student, family or two Chemist friends. 304/970, Office of this Paper.

A QUALIFIED young man required for West End. Apply with details of experience and salary required to Mr. Murphy, 143 Charing Cross Road, London, W.C.2.

ASSISTANT (Male), young Unqualified; knowledge of Developing and Printing asset; splendid opportunity for young man to gain valuable experience with Chemist-Optician; help given with studies. Apply by letter to Parker, Chemist-Optician, Northolt Road, South Harrow, stating wages, references, etc.

ASSISTANT, Qualified or Unqualified, male, permanent, for Dispensing and quick Counter. State full particulars to Terrington, Herne Bay.

ASSISTANT, Unqualified, with good general experience, including Photographic; permanent position to suitable applicant. State full particulars and salary required first letter. Johnstone, Bideford, Devon.

BRADLEY & BOURDAS have a vacancy for a Qualified Junior Assistant (male). Apply, giving usual particulars and salary required, to 43 Warwick Street, London, S.W.1.

CAPABLE Junior (about 19-21), either sex, required until September 18; must be courteous, obliging, good knowledge Dispensing, Photography, No D and P. work. References, salary required to Holden, 127 High Street, Walton-on-Naze.

ELDERLY Pharmacist required as Superintendent; short hours; light duties. C, 112 Villiers Avenue, Surbiton, Surrey.

HILL & SHAW, Cheltenham, require the services immediately of a competent Assistant (gentleman, about 30), with good-class Dispensing, Counter and Window-dressing experience; tall; energetic; permanency to right man. Please give full particulars as to experience, age, height, salary required, and photo if possible (to be returned). Apply 357 High Street.

JUNIOR Qualified Optician required for large Optical Department in Lancashire; preferably with some knowledge of Chemist's business; excellent opening for young man to gain experience. Apply, 304/972, Office of this Paper.

LADY Assistant (Unqualified) for the season. Please state salary, and give usual particulars, Thorp & Son, Bognor Regis.

LADY Assistant (Unqualified), required for new high-class Pharmacy (Wimbledon), with Toilet Department; must have good Toilet and Window Display experience. Apply by letter, stating salary, which must be reasonable, age, height, and experience, to 3 King Street, Twickenham.

LADY Assistant, Unqualified, required until October; knowledge of Toilets and Photographic Sales essential; half-holiday, no Sunday duty. Full particulars to Mr. Windle, 8 Station Road, Swanage, Dorset.

LOCUM-DISPENSER, July 14-July 10 and August 9-21; part periods considered; London, N. Phone Archway 4031.

LOCUM, Qualified, lady or gent., required from June 14 to October 2. Please state salary required and full particulars to T. H. Prichard & Son, Ltd., Chemists, Abertillery.

LOCUM, Qualified, S.E. London (may be permanent, if desired); middle-class; light Counter, with N.H.I. and Photo; begin now or within next few weeks. Age, wages, dates free, etc, to 104/570, Office of this Paper.

LOCUM, Qualified, wanted for four weeks August or September. Please state particulars to Williams, Chemist, 53 Moreton Street, Pimlico.

LOCUM required, July 10 or 12 to July 24 inclusive. Apply with full particulars to H. Parsons, 40 Londesborough Street, Hull.

LOCUM required, Qualified Chemist-Optician, July 5-17, inclusive, or near dates after June 30. Age, experience, references, salary required to J. N. Last, 2 Station Approach, Lancing, Sussex.

LOCUM wanted, Doctor's Dispenser; August 8-24, inclusive. 103/13, Office of this Paper.

MANAGER to take charge small business; comfortable post; interest offered to one who can show capacity for increase. 104/38, Office of this Paper.

PHARMACY

UNQUALIFIED male Assistant required as locum,

ALSO

Female Assistant required, must have had Pharmaceutical and General Shop experience; widows and single persons only considered. Apply in writing stating age and experience to the Staff Manager, Royal Arsenal Co-operative Society, Ltd., 113 Powis Street, Woolwich, S.E.18. Endorse envelope "Pharmacy."

NOTE.—Canvassing of members of the General Committee or officials will disqualify.

QUALIFIED and Unqualified Assistants; permanency or holiday relief. Apply Lewis & Burrows, Ltd., 146 Holborn, E.C.1.

QUALIFIED, as Superintendent (Male); outdoors; active elderly man not objected to; for light Family Retail in Surrey town. Please state age, salary, etc., 104/12, Office of this Paper.

QUALIFIED Assistant, lady preferred, required immediately, permanency; Dispensing, Counter, etc. Particulars experience, age, height and salary required, to R. V. Copeland, 4 Queensway, Petts Wood, Kent, or Phone Orpington 1573.

QUALIFIED Assistant required; capable and reliable Dispenser; able to take charge if necessary; middle-class business. Apply, stating references, experience and salary required, to Smiths, Chemists (Grays), Ltd., Dispensing and Photographic Chemists, Tudor House, Socketts Heath, Grays, Essex.

QUALIFIED Assistant required, June 14, permanent or locum; good Dispenser and Window-dresser; Nottingham district; must be good Salesman. Apply, stating age and salary required, to Taylor, Chemist, Ilkeston, Derbyshire.

QUALIFIED Assistant, temporary or permanent, required on Monday, June 14, by high-class Chemist; male preferred. Phone Malden 0092 at once. Mathews, Chemist, New Malden, Surrey.

QUALIFIED Assistant, young, male, wauted for family and Dispensing business. Full particulars, experience, age, salary required, and photo if not personal application, to H. C. Neve, 1416 London Road, Norbury, S.W.16.

QUALIFIED Assistant, young, required mid-June to mid-September; must be experienced Dispenser, used to quick Counter and Photographic business; prospect of permanency for the right man. Write, stating age, experience and wage required. Ling, Chemist, Cromer.

QUALIFIED Chemist (gentleman) required from July 5 to September 25, for relief. Apply, with particulars of experience, references, and salary required, to Wilkie, 28 Hildreth Street, Balham, S.W.12.

QUALIFIED lady; good Prescriber, Counter and Dispenser, no Window-dressing; superannuation and Trade Union hours; seaside. Apply, stating salary and full particulars, to Sheerness Co-operative Society, Ltd., 100 High Street, Sheerness, Kent, not later than first post June 28.

QUALIFIED male Assistant (about 24) for Dispensing and Counter duties required immediately. The Prosser Roberts Co., Pharmaceutical Chemists, 85/87 Lambeth Walk, London, S.E.

QUALIFIED male Assistant, commence July 5, permanency; Dispensing, Counter, Photography; must be of good appearance and address; with good references. Kindly state salary, age, experience. E. Fisher's, Ltd., 2 Sherrard Street, Melton Mowbray.

QUALIFIED male Assistant from June 21, for branch and to take charge occasionally at other shop. Usual particulars, please; photo if possible (return) to R. Westland, 75 Herne Hill, S.E.24.

QUALIFIED male Assistant wanted for good-class family business; a good active Counterman and Dispenser. Apply with fullest particulars, references, salary required, photo if possible, to The Manager, Corfe & Son, Chemists, Maidstone.

QUALIFIED Manager for branch shop; house available; sound permanent position to right man. Apply, giving fullest particulars of experience, salary desired, and photo (if possible) in strictest confidence, to Mr. L. H. Shaw, Wands, Ltd., 12 Haymarket.

QUALIFIED Manager for Coast (Suffolk); General Retail, N.H.I., Photographic, Toilets; must be married (30-35); live in house (with children preferred); beginning of July. Conscientious, capable worker; suit manager present engaged desiring change (permanency); £4 and house, commission on increase. 104/43, Office of this Paper.

QUALIFIED Manager, for small branch, married; salary £3 5s., house and electric light free (applications not answered 7 days respectfully declined). Foster, 14 Forest Hill Road, S.E.22.

QUALIFIED Manager required shortly for Pharmacy in South of England; must be able to control staff and displays; excellent prospects to suitable man; help given with removal. Apply, 304/973, Office of this Paper.

QUALIFIED, young, for about 3 months or possibly longer; good salary to suitable applicant; full particulars in first letter, please. Lester & Williamson, Chemists, Great Heath, Coventry.

SAVORY & MOORE have two vacancies for Qualified male Assistants with excellent prospects. Apply by letter in the first instance, giving full particulars, age, height, experience, and salary expected, to H. F. Stapley, 61 Welbeck Street, London, W.1.

SUPERINTENDENT wanted immediately; light duties, small N.H.I. and Dispensary work only; moderate salary; middle-aged or elderly chemist would suit; permanency. Write or call, Messrs. L. & M. Langer, Ltd., 321 Bethnal Green Road, London, E.2.

TIMOTHY WHITES & TAYLORS have vacancies for Qualified Chemists for relief duty in various districts; good salaries and permanencies to suitable men. Apply, giving full details, to Retail Staff Manager, Timothy Whites & Taylors, Ltd., 70 Vauxhall Bridge Road, London, S.W.1.

UNQUALIFIED Assistant (about 21), either sex, for Counter and Dispensing, for three months, commencing July, in high-class business. State age, height, salary required, enclose references and, if convenient, photo, Gibbs & Gurnell, Ryde, I.O.W.

UNQUALIFIED Assistant (male or female) wanted for Dispensing, Counter, Stock and Photographic (no D. and P.). Apply, giving the usual particulars, Miles Thomas, Chemist, Barry.

UNQUALIFIED Assistant required; Dispensing, Photographic and Counter experience. Apply 104/45, Office of this Paper.

UNQUALIFIED Junior wanted, end of June to mid-September; good at Counter and D. and P. State age, experience, salary with references (applications unanswered in 5 days respectfully declined), de Lisle, Old Pier Street, Walton-on-Naze, Essex.

UNQUALIFIED Male Assistant wanted for good-class Retail and Dispensing business, South London suburb. Please give full particulars of experience, references, and salary required, 104/8, Office of this Paper.

UNQUALIFIED Male (junior) Assistant wanted. Give full particulars and salary required, H. I. Weldrick, 41 Hall Gate, Doncaster.

WANTED.—A young Qualified Assistant used to good-class Pharmacy. Hall, Pharmaceutical Chemist, Peterborough.

WANTED as soon as possible for N.W. London, Qualified locum, salary £6; also Qualified man for permanency. Write or phone Sutton, 3 Broadway, Ludgate Hill, E.C.4; City 4564.

WANTED.—Qualified Manager at once. Essex Pharmacy, 14 Victoria Circus, Southend.

WANTED shortly, Qualified man; small Country business; single; live in; suit elderly man. 104/3, Office of this Paper.

WANTED.—Two Pharmacists (one by June 28 and one later). Applications stating age, details of experience and remuneration required, together with copies of recent references, should be addressed to the Committee, Co-operative Society, Ltd., Frankfort Street, Plymouth, and endorsed "Pharmacist."

WANTED.—Unqualified gentleman (not over 30) for good-class Dispensing business, Bayswater, W.2; must be of good appearance and pleasant Counter manner; one having similar experience preferred. Full particulars first letter to L. Schofield, 59 Sussex Gardens, W.2.

WANTED, young energetic Locum, from July 12 to August 14. Apply with particulars to Sunman & Son, Chemists, 43 Wellington Street, Luton, Beds.

WANTED.—Young gentleman Assistant, for season or permanency; must be tall, capable and energetic. Write, stating age, height, salary required, and enclose photograph (any snap) with references, Frank Purcell, Photographic Chemist, Strand Street, Douglas, I.O.M.

WANTED.—Young Qualified Assistant, married, to take charge of small but select branch; good living accommodation. Usual particulars, please, to Litchfield, Lynchford Road, Farnborough, Hants.

YOUNG Qualified Chemist required at once as locum for four weeks. Write, 24 Watlands Avenue, Porthill, Stoke-on-Trent, Staffs.

YOUNG Qualified Chemist required to manage small branch in N.E. Lancashire; good N.H.I. experience essential, also ability to dress windows. Apply, 304/971, Office of this Paper.

WHOLESALE

LONDON Firm require practical Manufacturer with specialised experience in Lipsticks, Rouges and Make-up; expert knowledge and good practical experience essential. Please give full particulars of qualifications and experience, stating age and salary required, 303/953, Office of this Paper.

LONDON Wholesale House requires Clerk for Order and Shipping Office, with view to subsequent control of Pricing, Invoicing and Despatch of Goods; must have experience of modern systems; office situated in N.W.2 district. Address applications, giving full details of experience, and salary required, to 303/955, Office of this Paper.

ADHESIVE PLASTER.—Progressive London Manufacturers require experienced Foreman-Manager with experience in Zinc Oxide or Medicated Plasters. 303/954, Office of this Paper.

ADVERTISING.—Young Writer wanted for Advertising Department of Pharmaceutical House near London; Pharmaceutical qualifications and Advertising experience both essential. Write, staing age, history, salary required, and enclose specimens of recent work, to Glaxo Laboratories, Limited, Greenford, Middlesex.

DICTAPHONE Typist required, with knowledge of Chemical Trade; permanency (London). Apply, with full particulars, to 303/964, Office of this Paper.

EXPERIENCED Representative required for old-established proprietary, to take over, and extend, existing connexion in the West End of London; one with connexion with Chemists, Hairdressers and Toilet Departments preferred, and who is prepared to work a highly remunerative territory intensively. 303/950, Office of this Paper.

EXPERIENCED Traveller wanted, calling on Chemists, to carry additional Proprietary Specialities; 15 per cent. commission; the goods are nationally and locally advertised, with numerous enquiries to follow up, and stocks are already held by leading Wholesale Distributors; exceptional opportunity for capable man. 104/16, Office of this Paper.

OLD-ESTABLISHED South Coast Manufacturing Chemists require young, energetic and enthusiastic Pharmacist as Manager of factory producing tablets, pills, pharmaceutical preparations, counter adjuncts, etc. Preference not necessarily given to one having had previous similar managerial experience, providing applicant has reasonable knowledge of manufacture, is thoroughly conversant with the needs of present-day retail business and has the capacity to adapt himself to modern methods of production and organisation. Apply, stating age, salary required, and full details of past experience, to 303/960, Office of this Paper.

PALMYRA LABORATORIES, LTD., Aigburth Vale, Liverpool, require several Representatives calling on Hairdressers and small Stores carrying as a sideline Carded Cosmetics in very attractive containers, remarkable value retailing at 3d. each; Commission basis. Write urgently.

QUALIFIED Representative required to call upon Institutions and the Medical Profession in South London and South-Eastern Counties by Manufacturers with well-established connexion. Applicants should state age, full particulars of past experience and whether car available. 303/951, Office of this Paper.

SALESMEN required on commission basis who are regularly calling on the Dental Profession to handle well-advertised and popular Dental Spray; repeat orders. State experience and districts covered. 303/937, Office of this Paper.

TRAVELLERS with estahlished connexions among Stores, Chemists, Hairdressers, Cutlers and Leather Goods Stores, etc., in the United Kingdom who can carry an additional high-class branded line and wish to increase their income, are invited to write immediately stating terms and experience, and lines unable to carry; men with first-class references only. 302/929, Office of this Paper.

TYPIST required at once by City House; knowledge of trade an advantage; hours 8 a.m. to 5.30 p.m., 12 o'clock Saturday; 30s. per week to commence. Write 303/962, Office of this Paper.

YOUNG Assistant Chemist for large Cosmetic Manufacturers in London area. Give full particulars and salary expected in first letter, 303/963, Office of this Paper.

YOUNG Qualified Chemist required as Representative, with knowledge of Proprietaries, Plasters and Surgical Dressings, by house of national importance. Write, giving age, experience and salary required, to Box 533, c/o C. Mitchell & Co., 1 Snow Hill, E.C.1.

COLONIAL, INDIAN AND FOREIGN

CHEMIST-OPTICIAN.—Vacancy occurring in Nyasaland end of August; agreeable situation; three years' engagement; commencing salary £30 per month. For further particulars apply to Keep Brothers, Ltd., 35 Gt. Charles Street, Birmingham.

SITUATIONS WANTED

RETAIL (HOME)

ACTIVE, energetic locum, Unqualified, experienced, including West End; free June 20-July 3 and August 15-21. 104/47, Office of this Paper.

ASSISTANT (Unqualified); 40 years' experience; Locum, part time; interview desirable; free now; London or suburbs; high-class Pharmacy only. 104/21, Office of this Paper.

ASSISTANT, West End experience, Counter and Dispensing; good reference; recently disengaged; locum or permanency; London only. Write to M. G. Birch, 4 Melrose Gardens, Hammersmith, W.6.

ASSISTANT (24), Unqualified, 10 months in North London, desires change, East London preferred. 105/24, Office of this Paper.

BIRMINGHAM DISTRICT.—Unqualified (39) seeks post in good-class Pharmacy, where 20 years' experience would be of use with a young Qualified; excellent references. 105/30, Office of this Paper.

CAPABLE Unqualified (41); Dispenser, Window-dresser, Salesman; London only; free one week's notice. "C," 25 Canfield Place, N.W.6.

EVENING Work.—Qualified Pharmacist (27), N.P.U. locum seeks part-time, several evenings weekly, June 14-October; within 2 miles Charing Cross. Jones, 25 Hungerford Road, N.7.

LADY Dispenser (Hall Certificate), seeks permanent post Chemist's Assistant; Slough, Windsor, Maidenhead, Paddington area; varied experience; disengaged July. 103/11, Office of this Paper.

LADY (Qualified), registered, seeks light part-time employment; hospital and general experience about 20 years. Dolby, 105/36, Office of this Paper.

LADY, Unqualified, seeks post, locum or permanency; Dispensing and Counter; free now. "Chemist," 7 Dunbar Road, Forest Gate, E.7.

LOCUM or Part-Time, Unqualified (44), 5 ft. 8 in.; Counter, Dispensing, Photography; abstainer; well recommended. Mack, 18 Aycliffe Road, W.12.

LOCUM (or permanency), Unqualified, smart, reliable, thorough all-round experience, excellent Salesman. Spencer, 14 Bowling Green Street, Leicester.

LOCUM.—W. J. Talintyre, M.P.S., has open dates in August and September. Reply c/o Simpson's Ltd., 84 Stockwell Road, Levenshulme, Manchester.

MANAGER requires situation; long experience; good personality, keen Salesman; preferably with view to succession; Southern Counties. X.Y.Z., 104/51, Office of this Paper.

M.P.S. desires post as Manager or locum; first-class experience and references. Davies, Kinross, Kingsway, Hove.

M.P.S., YOUNG, desires change, London or suburbs; West End experience; free one month. 104/55, Office of this Paper.

PERMANENCY or locum; near Ealing; Qualified; 8½ years' medium and working-class, London; free now. X.Y.Z., 89/9, Office this Paper.

QUALIFIED lady, capable and well recommended, available for locum, Hospital or Retail. 105/4, Office of this Paper.

QUALIFIED Manager (32), married, 15 years' experience London, seaside and country, locums or permanency preferred. P.C.B. 246/28.

QUALIFIED, seeks change early July; single (34); 7 years managing; excellent references; London and suburbs only. 103/5, Office of this Paper.

QUALIFIED (26), desires change, permanency, as Assistant or Manager; tall, good appearance, well experienced in all branches; South or East Midlands preferred; free one month. 105/27, Office of this Paper.

QUALIFIED (22) desires permanency; keen, capable, conscientious, trustworthy; all-round experience. Rains, 5 Annandale Road, Greenwich, S.E.10.

QUALIFIED (28), London and South Wales experience, seeks post in South Wales or Border. Watkins, Yuys Villa, Llangyuidr, Crickhowell.

SCOT (29), Unqualified, desires change; active, and of good appearance; West End experience, 2 years managing; good experience in Counter, Dispensing, etc., 104/26, Office of this Paper.

UNQUALIFIED, locum or part-time; excellent references; good all-round Salesman and Dispenser. 97/2, Office of this Paper.

UNQUALIFIED Student (22) requires vacation employment; 5 years Dispensing and Counter; July-August; Yorkshire or Durham preferred. 99/10, Office of this Paper.

WHOLESALE

A.A.A.A.A.—Young energetic Scot, M.P.S., F.F.Sc., F.I.C.A., thoroughly conversant with every phase of the business, desires interview with progressive house with view to Assistant or Works or Staff Managership with part representation entertained; first-class Retail and Wholesale experience; now Representing Pharmaceutical, Dental and Medical House of repute; capabilities bear strictest investigation. 104/2, Office of this Paper.

A QUALIFIED Gentleman, University man, requires post as Salesman or Medical Propagandist; experienced Interviewer; sound knowledge Inorganic Chemistry and Therapeutics; some Advertising experience. Replies in confidence to Tereve, 104/4, Office of this Paper.

A Qualified Gentleman would like to join progressive house, either inside, or as Representative; Retail, Representative, and Propaganda experience; educated, capable, adaptable; administrative ability; good appearance; resident London. 104/1, Office of this Paper.

ADVERTISER, smart, keen Salesman, of good address and personality, seeks position as Representative; clean driving licence; previous Travelling experience; present Retail position 11 years; not afraid of hard work; permanency required; free in one month. 104/22, Office of this Paper.

ADVERTISER (39), centred Bournemouth, desires represent Drug or Sundries house of repute; connexion West, South England; own car. 104/53, Office of this Paper.

JUNIOR Traveller shortly taking up connexion, calling on Wholesale Chemists and Hairdressers' Sundriesmen, desires additional lines; part expenses and commission. Collins, 44 Barton Lodge Road, Hall Green, Birmingham.

PHARMACIST (age 35), thorough knowledge of Electrical and Mechanical Engineering with Pharmaceutical Manufacture, seeks position as Representative; Excellent references from pharmaceutical and engineering firms. 95/8, Office of this Paper.

TRAVELLER, first-class connexion London and Southern Counties, seeks re-engagement; Retail experience; own car. P.C.B., 246/39, Office of this Paper.

TRAVELLER, with own car, requires additional line (advertised) with reputable firm; connexion leading Stores and Chemists, Fancy and Perfumery, London and S. Coast. 104/15, Office of this Paper.

YOUNG MAN (29) over 10 years' experience in manufacturing and packing all types of Toilet and Beauty preparations; conversant with Buying, Costing and Practical Production, seeks situation with progressive firm. P.C.B., 246/38, Office of this Paper.

COLONIAL, INDIAN AND FOREIGN

COATER, thoroughly experienced, all-round knowledge of production of Tablets, Pills, Dragées; seeks Colonial position; 26 (single). 103/6, Office of this Paper.

YOUNG PHARMACIST

with a flair for Advertising

is offered a year's training in America

With the object of finding and training future executives, the Vick Chemical Company of New York takes on each year a number of outstanding university graduates who seem likely to develop merchandizing ability. These men are put through a training course, which begins with some months "on the road," then gives them experience in several of the advertising and sales departments.

The best of each year's entry usually stay with the Company and build up the personnel that runs it. Those who move on elsewhere are the better for their training and usually find good posts.

This year a few places will be offered to Englishmen and one or two young qualified chemists may be included. Selected candidates will do a three month probationary period in England, starting after the middle of August. If this is satisfactory, they will then be sent to America to take the course referred to above. During training the salary will be £4 a week, with expenses paid when out of London and New York.

THE FUTURE

With a share capital currently valued at some £6,000,000, an annual sale of about 60,000,000 packages of its products and a pre-eminent position in its own field, the Vick Chemical Company offers real scope in many fields and many countries to men of ability.

Hard work is expected and the salary is not likely to be big for the first few years. This is not a quick, easy road to fortune, but it is an opportunity to gain some knowledge of modern merchandizing. It is also a mill for sifting out good men and fitting them for good positions. Only men who think that they can stay the course should apply.

QUALIFICATIONS

Candidates must have shown a flair for advertising or at least for journalistic writing. They must be live, keen and adaptable, with minds that spontaneously think of improvements in products, packages, show-material and advertisements. They should not be over 25, preferably about 21, with outstanding scholastic records and good experience behind the counter.

Apply in writing (sending nothing that has to be returned) to

MORSE SALES COMPANY

211-215 Blackfriars Road, London, S.E.1

CLEAR OUT—your Old or Damaged Stock of Photo Goods. *Why keep them any longer? Turn them into CASH.* **I GIVE BEST PRICES** for Old Films (damaged, fogged or expired dates); Packet Papers. Cards (any sizes). Old Photo Goods or Cameras. Bromide Papers. Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along.

S. E. HACKETT, 23 July Road, Liverpool

FOR SALE

(Articles to the value of £5-£50.)

FOR SALE, closing down, 11 ft. 5 in. wall fixture, with 18 drawers, 6 ft. 3 in. wall fixture with mirror, cased counter 6 ft. 3 in. with drawers, 6 ft. 5 in. serving counter with drawers, also counter scales and till. Apply, J. Brelsford, 28 Bottom-o'-th'-Moor, Oldham.

NATIONAL CASH REGISTER; prints sales and adds total; perfect, but no longer needed; reasonable. Write P. Barr, 24B Hereford Road, W.2.

MISCELLANEOUS

CHEMISTS' FITTINGS.—New and Second-hand Drug Runs, Dispensing Screens, Glass-fronted Counters, Perfumery Cases, Nests of Drawers, Wall Cases, Silent Salesmen, Upright and Flat Counter Cases, Plate-glass Counters, Cash Tills, Display Stands and Glass Shelves, etc., at competitive prices. F. MAUND & E. BERG (SHOWCASES), LTD., Shopfitters and Shop Front Builders, 175/9 Old Street, London, E.C.1.

MANAGE YOUR OWN BUSINESS! Facilities offered make this possible. Write Building Owners, 101/3, Office of this Paper.

SECOND-HAND AND SHOP-SOILED FITTINGS.—A large quantity removed when refitting. Send your requirements or call at PHILIP JOSEPHS & SONS, LTD., 90/92 St. John Street, Clerkenwell, E.C.1. 'Phone: Clerk. 4111/2. "Pharmacy Fitters for over a Century."

TREBLES for new and second-hand Fittings, Alterations, Shop Fronts, Glass Cases, Dispensing Screens, Counters, Drawers, Service Trays, Window Fittings, Wall Cases; send your requirements. 549 Lea Bridge Road, Leyton, London, E.10. 'Phone: LEY 2370.

WE HAVE WHAT YOU WANT for a FIRST-CLASS PHARMACY in OAK OR MAHOGANY, suit any size shop; new or reconditioned Fittings at reasonable price. Call or send your requirements. RUDDUCK & CO., 219/227 Old Street, London, E.C.1. Phone Clerkenwell 3782 for FREE Estimate.

WHY NOT BE A SALESMAN? It's a healthy outdoor life, with good pay and prospects; you can quickly qualify in your spare time to receive introduction to SALARIED Vacancies. Write to-day for FREE 32-page book, "Salesmanship," to the WALLACE ATTWOOD COLLEGE, LTD., Dept. 84, Victoria House, Southampton Row, London, W.C.1.

£?—COMPLETE CHEMIST FITTINGS at any price you wish to pay. We have erected in our showrooms a Complete Chemist's Shop with Metal Shop Front, Window Backs, Correct Window Lighting. Signs and modern Interior Fittings. Apply for Lists, D. MATTHEWS & SON, LTD., "The Liverpool Shop Fitters," 14 and 16 Manchester Street, Liverpool. Est. 1848.

EXCHANGE COLUMN

2d. per word, minimum 2s. (Box No., 1s. extra.)

FOR DISPOSAL

(Articles up to the value of £5.)

MODERN Showcase, new, mahogany, glass all round, 32 in. by 28 in. by 11 in.; two shelves. Nearest £2. Collins, 101 Mortimer Street, W.1.

WANTED

DICTIONARY of Synonyms for Drugs; new or second-hand. Communicate, Crowley, Medical Hall, Charleville, Ireland.

LARGE Rotary Tablet Machine, Stokes preferred; capable of making tablets 1 in. or larger. Apply 303/956, Office of this Paper.

WANTED, copy of Annual Special Issue "Chemist & Druggist," June 27, 1925. Write, stating price, 303/961, Office of this Paper.

Printed in Great Britain for the Proprietors by EYRE AND SPOTTISWOODE LIMITED, His Majesty's Printers, East Harding Street, London, E.C.4, and Published by the Proprietors, MORGAN BROTHERS (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2.—*June* 12, 1937. [50/26]

THEY COME IN FOR RENDELLS

BECAUSE . . .

The National Advertising Campaign now in progress is building business in excess of all expectations.

For 50 years **Rendells** have held the confidence of users, and today the public trust in them is stronger than ever.

There is nothing new or experimental in **Rendells.** It is a product of unequalled merit recognised and approved as the standard contraceptive.

To establish a complete sense of confidence it is always wise to offer **"RENDELLS"** to those in need of a contraceptive. This is the one product which has an international reputation for purity and efficacy, and has been backed by the testimony of satisfied users for the past 50 years. Link up with our National Advertising Campaign by making an important display of this product.

Write for details:

W. J. RENDELL LTD.
161-5 Rosebery Avenue,
London, E.C.1

AYRTON'S
RESERVABLE
Own Name Series
of

PACKED GOODS

Over 150 products of superb quality, beautifully presented, and reserved to you exclusively, with your own name printed.

Write for samples and prices

AYRTON, SAUNDERS & CO. LTD.
34 Hanover Street LIVERPOOL
44 North Lotts DUBLIN

ZEAL CLINICALS
BRITISH MADE

The Choice of Experts

NO HIGHER IN PRICE THAN NON-DESCRIPT MAKES

Also Household, Bath & Works Thermometers. The Best of their kind.

G. H. ZEAL LTD
MORDEN RD., MERTON
LONDON, S.W. 19
Phone - - Liberty 2283-4-5.

THE "MATER" CLINICAL REGD.
The position of the Mercury column is at once perfectly plain. Red markings above 99.4.

ALL TYPES OF CLINICAL AND OTHER THERMOMETERS

PERKEN, SON & CO. LTD.
(ESTABLISHED 1852)
Price List on Application:—
94 HATTON GARDEN, LONDON, E.C.1
Telephone: 0724 Holborn
Telegrams: "Optimus, Smith, London."

THE "LAUDER" No. 4a Compressed Air FILLING MACHINE
(Patent No. 404419)

We manufacture various types of smaller fillingmachines, and invite correspondence on your filling problems.

"*It pays for itself almost at once.*" It is used by all the leading manufacturing chemists, perfumers, etc., etc., at Home and Abroad. Is a really sound engineering job—not a toy—will give many years of trouble-free service, and fills almost any type of liquid into sprinkler neck or ordinary containers with maximum speed. Made in strong Stainless Steel in sizes of 2-gallon capacity upwards.

L. T. LAUDER
46 St. Martins Ave., LEEDS 7

Telephone: 43039. Telegrams: LAUDER, LEEDS 43039.

Printed in Great Britain for the Proprietors by EYRE AND SPOTTISWOODE LIMITED, His Majesty's Printers, East Harding Street, London, E.C.4, and Published by the Proprietors, MORGAN BROTHERS (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2.—*June* 12, 1937. [1½]